

Technology • Education • Recreation • Rehabilitation

APH Products Catalog 2002-2003



Unique Products for People with Special Needs:

- Infants and Preschoolers
- Students of All Ages
- Adults at Home and Work



AMERICAN PRINTING HOUSE
FOR THE BLIND, INC.

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Fresh Content

Daily!!

at

www.aph.org



Searching for APH product, services, and research information? Pull up a chair and stay a while at **www.aph.org!**

At our accessible web site, you can order up a world of educational and informative materials about APH and our mission to improve the lives of persons who are blind or visually impaired.

**Blue Plate
Specials**

Purchase APH products online using the speech-friendly and secure **Shop APH**.

Cream d'Crop

Find the best materials for your home, classroom, or office via the **Louis Database of Accessible Materials**.

Nutritional Info

Look into **Fred's Head** for a full plate of tips, ideas, & techniques.

**Heapin'
Helpings of
History!**

Visit the **APH Callahan Museum** and explore our collection of mechanical braillewriters and other materials relating to the education of blind people.

**Homemade
Classics**

View winning entries from the annual **APH InSights Art Exhibition** for blind and visually impaired artists.

Quality Cooks

Search the **Accessible Media Producers Database** or add your name and/or company to the list of producers.

For content that feeds the mind and moves the heart, visit www.aph.org.



APH Products Catalog

2002-2003

Now Reorganized for Ease of Use!

This completely redesigned APH Products Catalog is organized according to Core Curriculum and Expanded Core Curriculum categories. For more information, please see page roman v and the beginning of each Expanded Core Curriculum Section.



AMERICAN PRINTING HOUSE
FOR THE BLIND, INC.

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Louisville, Kentucky 40206-0085
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Web site: www.aph.org

Mission Statement and Corporate Status



APH Mission Statement

To promote the independence of blind and visually impaired persons by providing specialized materials, products, and services needed for education and life.

APH Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) organization. Gifts, therefore, are tax deductible.

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On the Front Cover

- *Talking Typer™ for Windows®* - typing tutor software
- Art History Through Touch & Sound - multisensory art education programs
- ISAVE - low vision assessment tool for young children
- U.S. Puzzle Map - take-apart political/topographical map

About This Catalog

Service Since 1858

Since 1858 the American Printing House for the Blind (APH) has been creating unique products for people who are visually impaired or blind. APH products are designed for infants, preschoolers, students, and adults, both in education and in daily living. This catalog is a complete listing of the materials, tools, and supplies offered for sale by APH.

Locating Products

The index in the back of the catalog is alphabetized by product name; most items are listed under three variations of the product name. New for this catalog is an index at the beginning of each section.



Multihandicapped Persons

Most products in this catalog can be used with multihandicapped children and adults.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with regular funds, such as checks, credit cards, and purchase orders. Most items can also be purchased with Federal Quota funds. Prices are subject to change without notice.

Trademarks

All trademarks appearing in this catalog are of their respective companies.

Depictions of Products in Photographs

Some products you receive may be slightly different than depicted in the photographs. These differences will not affect the functioning of the products.

Product Information and Ordering on the Web

Visit the APH web site for product information, ordering for U.S. customers, and much more. Our site is fully accessible to users who are visually impaired or blind: **www.aph.org**.

Questions? Credit Card Order? The Call Is On Us!

APH has a toll free phone number for all of your customer needs:

- Questions about APH products and services
- Placing credit card orders
- Questions about existing orders or status of products under repair

Call Monday through Friday from 8:00 a.m. to 4:30 p.m. Eastern Time: **1-800-223-1839**.

Ordering & Info: www.aph.org or 1-800-223-1839

About the Core Curriculum and the Expanded Core Curriculum

by Dr. Philip Hatlen

Core Curriculum

Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

Expanded Core Curriculum

Most professionals firmly believe that visually impaired students need an expanded core curriculum that requires additional areas of learning. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to the visually impaired student.

Dr. Philip Hatlen is the Superintendent, Texas School for the Blind and Visually Impaired, Austin, and serves as an Ex Officio Trustee of the American Printing House for the Blind. We wish to extend our gratitude to Dr. Hatlen for his support in making this newly reorganized catalog possible.

Note: The introductory copy at the beginning of each of the Expanded Core Curriculum sections in this catalog was authored by Dr. Philip Hatlen.

Catalog Production Credits

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Products Catalog Committee: Bob Brasher, Rosanne Broome, Will Evans, Tony Grantz, Mary Nelle McLennan, Becki Moody, Bob Phelps.

Impact Imagination: Bridgett Johnson, Designer

Additional Designers: Jan Urey, Chip Dumstorf

New Services Offered



"Meeting of the Minds" group, May 2001, Louisville, Kentucky.

New Services Offered Through APH Educational and Advisory Services

The National Instructional Partnership (NIP) provides training in the use of APH products across curriculums. Training events using APH staff or contracted experts provide state, regional and national training opportunities for parents, consumers, and personnel who serve children who are visually impaired.

The Collaborative Instructional Partnership with Teacher Training Programs provides APH product information, product training, and a product loan system. A new event, called the "Meeting of the Minds," brings university personnel together with APH staff to discuss product and research needs.

The Product Information and Training Materials Project develops short, user-friendly videos to teach and train consumers on the use of APH products. Instructional brochures and targeted catalogs expand APH's audience. The first catalog to be offered through this initiative will be family focused and filled with products for students to use at home and with other family members.

For additional information contact the Educational and Advisory Services Department.

Ordering & Info: www.aph.org or 1-800-223-1839

Assessment



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ISAVE

Individualized Systematic Assessment of Visual Efficiency

A functional vision assessment tool for use with infants, children, and young adults with significant cognitive, neurological, physical, and sensory impairments who cannot respond reliably to standard measures. Helps the user determine instructional entry level and programming



OccluderPops also available separately.

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Assessment continued

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strategies for facilitating efficient application of remaining visual functioning.

Components

- 16 chapters of text and protocols in separate booklets. Booklets bound in two 3-ring binders.
- CD-ROM: View materials through your web browser and increase the print to any size. Print out copies of protocols, graphs, and charts as needed to perform assessments. PC and Mac® compatible. *Internet Explorer®* recommended. Note: The CD-ROM is not sold separately.
- Cassette tape edition of the text
- Visual discrimination cards for evaluating visual acuity and discrimination
- Card storage pages that fit in the binders
- A clear vinyl grid with hook/loop fabric for evaluating visual fields
- Hook/loop board for easy display of the cards during evaluations
- Hook/loop strips for attaching the cards to the board
- A "lollipop" style occluder for blocking the vision of one eye while testing the other
- Clear rulers to measure focusing distance
- Tote bag for carrying all components

ISAVE: 7-96160-00.....\$175.00

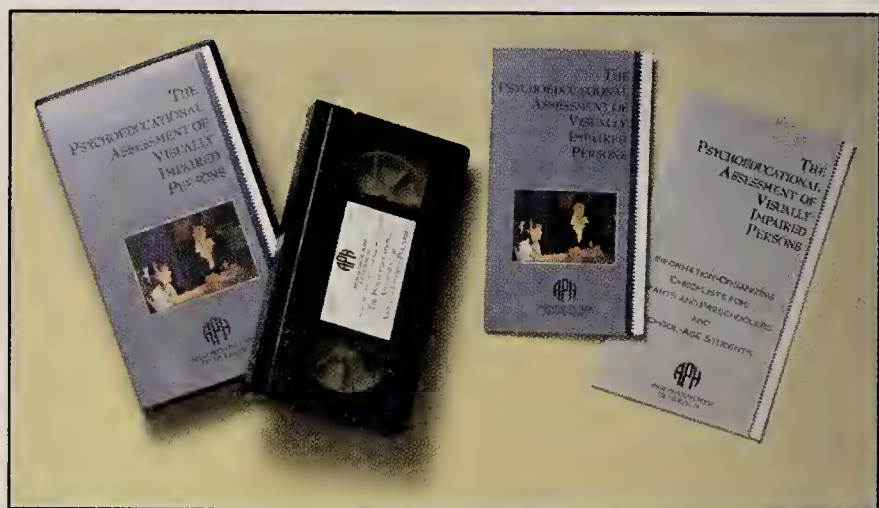
OccluderPop Pack only (3 occluders): 1-96160-00.....\$5.00



Good Lookin': ISAVE and the Minimally Responsive Child Videotape

This video brings you training in methods and accepted practices of using ISAVE to determine visual function in very young students with minimal response topographies.

Good Lookin' Video: 1-30001-00.....\$25.00



The Psychoeducational Assessment of Visually Impaired Persons

Video and booklet for teachers and school psychologists who have not had experience with people who are visually impaired. Presents the procedures and benefits of psychoeducational assessments, which can enhance a student's educational progress. Features Dr. Sharon Bradley-Johnson.

26-minute VHS videotape and booklet: 1-30003-00.....\$24.95

Booklet only (pack of ten): 7-30003-00.....\$18.00

Ordering & Info: www.aph.org or 1-800-223-1839

Brigance® Diagnostic Inventory of Early Development: APH Tactile Supplement (Yellow), Revised 1991

A criterion-referenced assessment designed to identify the level of mastery that a young child has achieved on selected skills. This information is important for planning a child's Individualized Family Service Plan (IFSP) or Individualized Educational Program (IEP). This inventory of early development was designed for children birth through kindergarten.

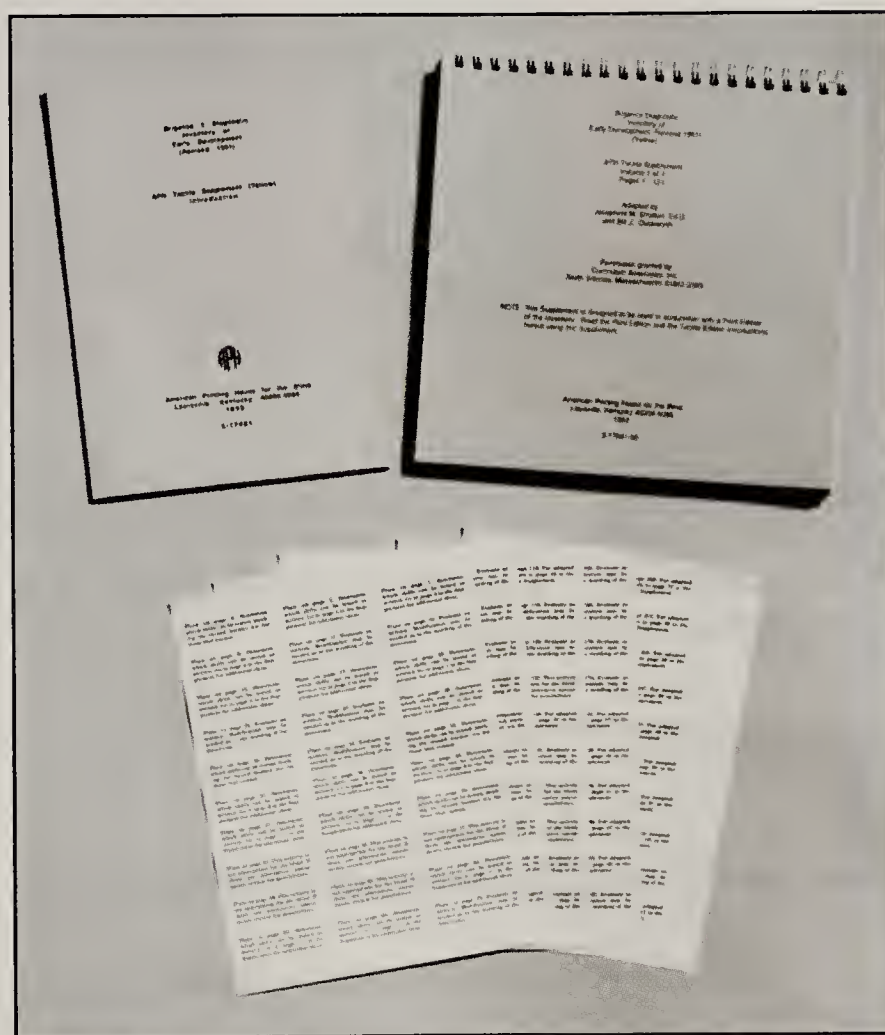
The *Brigance Inventory* is a self-directed inventory. The *APH Tactile Supplement (Yellow)* is designed to be used only in conjunction with the print edition of the *Inventory* (available from the publisher, see below). The *Supplement* provides alternative procedures and tactile materials for items which involve visual stimuli, with additional directions and suggestions where appropriate.

The *APH Supplement* consists of:

- Braille/tactile materials supplement
- Labels for marking the print edition of the test, indicating the pages for which alternative procedures are provided in the *Supplement*.
- Five student *Developmental Record Books* that are used to note assessments completed and the child's progress.

Skills categories tested with this inventory:

- Preambulatory Motor Skills and Behaviors
- Gross-Motor Skills and Behaviors
- Fine-Motor Skills and Behaviors
- Self-Help Skills
- Speech and Language Skills
- General Knowledge and Comprehension
- Social and Emotional Development
- Reading Readiness
- Basic Reading Skills
- Manuscript Writing
- Basic Math

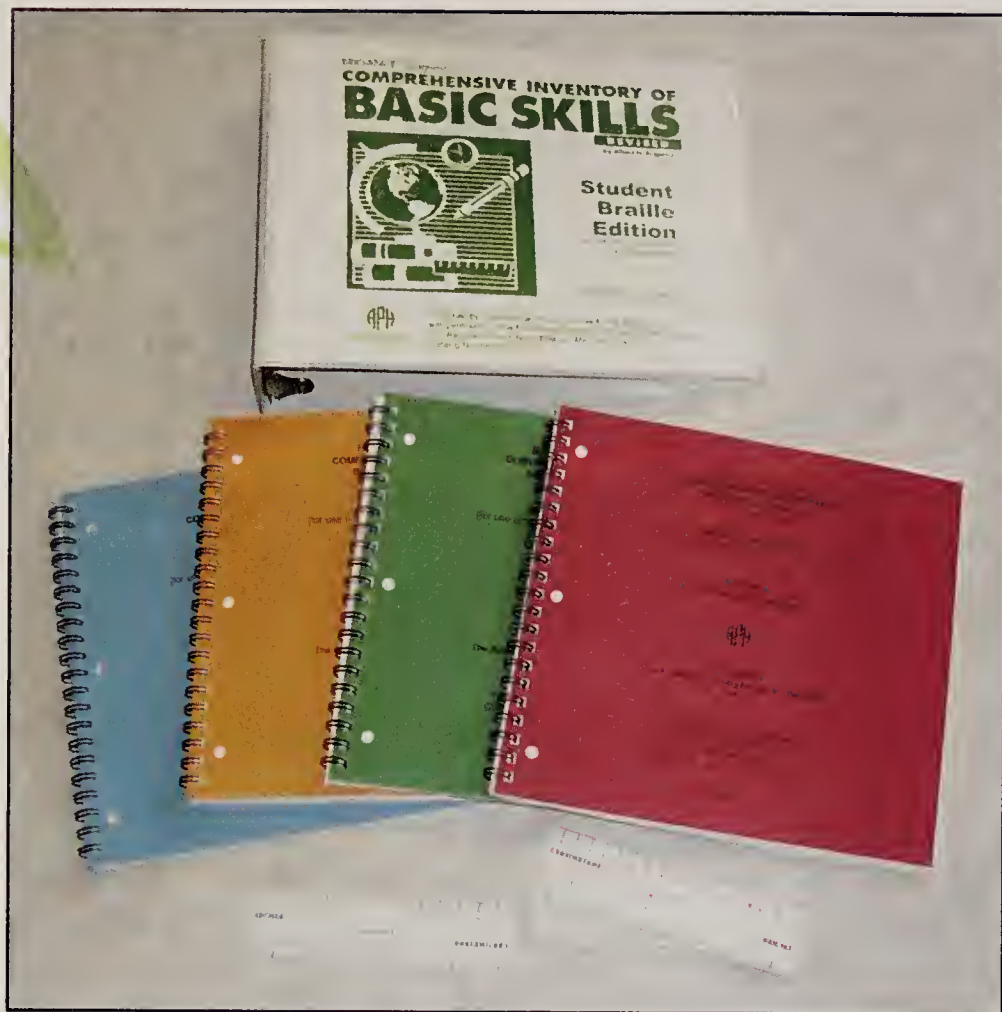


**Brigance Diagnostic Inventory of Early Development (Yellow), Revised 1991:
APH Tactile Supplement: 5-17681-00.....\$122.00**

Note: The APH tactile supplement was designed to be used only in conjunction with the print inventory. To obtain ordering information for the print test, contact: Curriculum Associates®, Inc., 153 Rangeway Rd., North Billerica, MA 01862-0901, 1-800-225-0248, Fax: 1-800-366-1158, www.curriculumassociates.com



Brigance® Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999: Student Braille Edition



A representative portion of the Brigance Basic Skills (Green), Revised 1999

appropriate. The 23 subtests have been grouped into 14 braille modules and made available separately or as a set.

Features of the Student Braille Edition:

- Color-coded modules match the print test
- Large 3-ring binder is available for organizing the modules
- Student modules available separately or as a complete inventory
- Braille subtests lie flat on the work surface
- Large print and braille Teacher's Notes, with ideas for alternative assessments, for each accompanying module
- Large print and braille ruler is supplied for math subtests

To Order

Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised 1999, Complete Braille Inventory with 14 modules and binder: 5-00000-00.....\$TBA

Brigance Basic Skills (Green), Revised 1999, Binder only: 5-00015-00.....\$12.00

A criterion-referenced inventory that assesses, on an individual basis, a student's strengths or weaknesses in specific skills areas, the *Brigance®* has been especially useful in support of IEP development and program planning.

The revised 1999 edition spans grades pre-kindergarten through nine. Innovations include options for group administration, updated grade placement tests, updated skill sequences, and alternative assessment options for pretests and posttests. The new student braille edition is designed to be used only in conjunction with the print test. Information on ordering the print inventory can be obtained from the publisher, Curriculum Associates®, Inc. (see below).

An adaptation of the print inventory, the student braille edition includes tactile representations of diagrams where

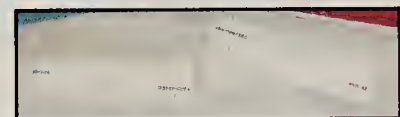
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Brigance Basic Skills (Green), Revised 1999, Individual Student Modules:

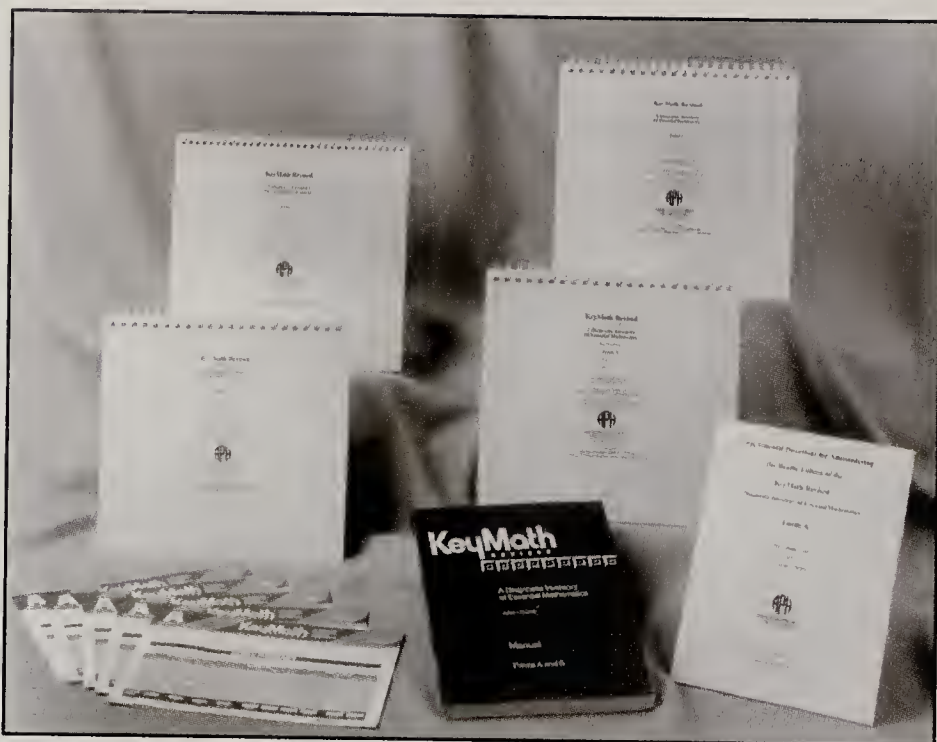
<u>Module No.</u>	<u>Subtests in Module</u>	<u>APH Catalog No.</u>	<u>Price</u>
1	A: Readiness	5-00001-00	\$11.00
2	B: Speech	5-00002-00	\$11.00
	C: Listening		
3	D: Word Recognition Grade Placement	5-00003-00	\$11.00
	E: Oral Reading		
4	F: Reading Comprehension	5-00004-00	\$11.00
5	G: Word Analysis	5-00005-00	\$11.00
6	H: Functional Word Recognition	5-00006-00	\$11.00
7	I: Spelling	5-00007-00	\$11.00
	J: Writing		
8	K: Reference Skills	5-00008-00	\$23.00
	L: Graphs and Maps		
9	M: Math Grade Placement	5-00009-00	\$11.00
	N: Numbers		
10	O: Number Facts	5-00010-00	\$11.00
	P: Computation of Whole Numbers		
11	Q: Fractions and Mixed Numbers	5-00011-00	\$TBA
12	R: Decimals	5-00012-00	\$TBA
	S: Percents		
13	T: Time	5-00013-00	\$TBA
	U: Money		
14	V: U.S. Measurement & Geometry	5-00014-00	\$TBA
	W: Metrics		

Large Print/Braille Toss-Away Ruler, 7 inch: 1-03010-00.....\$TBA



Note: The student braille edition was designed to be used only in conjunction with the print inventory. To get ordering information for the print test, student record books, and other regular print materials, contact: Curriculum Associates, Inc., 153 Rangeway Road, North Billerica, MA 01862-0901, 800-225-0248, Fax: 800-366-1158 / www.curriculumassociates.com.

APH will work with you to convert your state and other major tests into accessible formats • BRAILLE • LARGE PRINT • AUDIO. Please contact the APH Contract Administration Dept. for further details.



KeyMath® 1988: A Diagnostic Inventory of Essential Mathematics: Braille Edition, Form A

An individually administered content-referenced test that provides a comprehensive assessment of a student's understanding and application of important mathematics concepts and skills. For students in kindergarten through 9th grade.

Results can be used to guide general instructional planning or remedial instruction. They can also be used as part of a comprehensive psychoeducational

assessment; in program evaluations; or to assess the scope, currency, and efficacy of a mathematics curriculum.

Includes Embossed Illustrations

The *KeyMath Braille Edition* contains braille and/or embossed illustrations to accompany the regular print edition, which is administered orally. A *KeyMath Manual* is needed for reference, and is included in the complete kit or can be purchased from the publisher, American Guidance Service® (see address below).

Test Records Supplied

Individual Test Records (five copies) are supplied with the *KeyMath Complete Kit*. An *Individual Test Record* should be used for a trial administration of the test and for each student who is actually administered the test for diagnostic purposes. Additional *Individual Test Records* are available from American Guidance Service.

KeyMath Revised, 1988: A Diagnostic Inventory of Essential Mathematics: Braille Edition, Form A:

Complete Kit (Kit includes the braille/tactile test in four volumes, *KeyMath Manual in regular print*, *regular print Supplemental Directions*, and five *Individual Test Records*):
5-65701-00.....\$296.00

Braille/tactile test only: 5-65702-00.....\$130.00

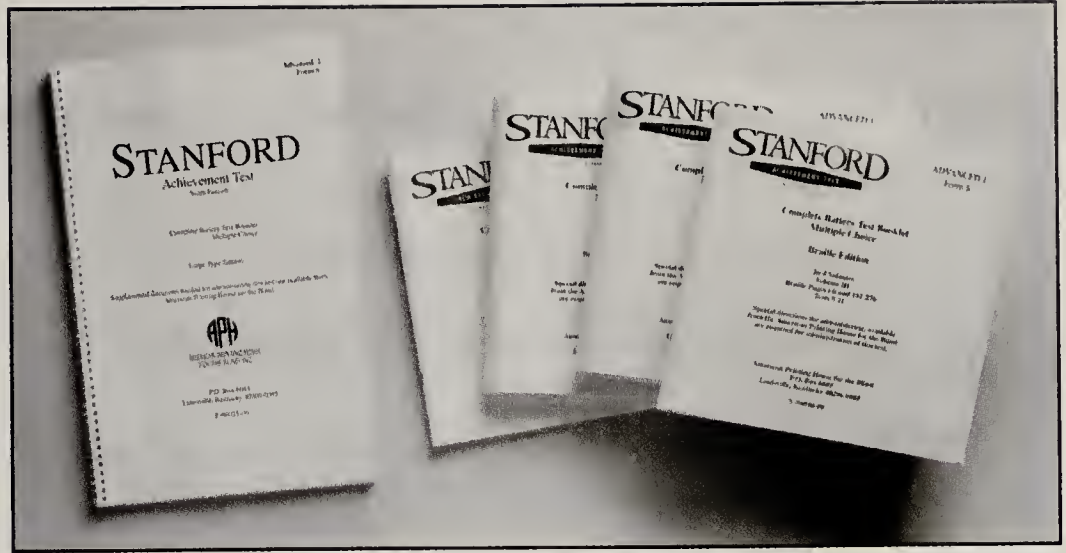
Print Supplemental Directions for administering the braille/tactile versions only:
7-65701-00.....\$11.00

Additional Individual Test Records and KeyMath Manual

Additional copies of the *KeyMath Individual Test Records* and the *KeyMath Manual* may be obtained from: American Guidance Service, 4201 Woodland Road, Circle Pines, Minnesota 55014, (612) 786-4343, www.agsnet.com

Stanford® Achievement Test: 9th Edition, Form S, 1996: Braille and Large Type Editions

APH, with permission of The Psychological Corporation/Harcourt Educational Measurement, has published braille and large type editions of this test, designed to measure performance in the areas of reading, spelling, study skills, language, mathematics, science, social science, and listening skills. Adapted versions span grades 2 to 12.



The braille and large type editions of ten levels of the *Stanford* are available directly from APH. (**Note:** The first three levels, SESAT 1 and 2 and Primary 1 of the *9th Edition* were not adapted for braille and large type due to their highly pictorial content.)

Supplemental Directions for Administering the *Stanford* test are required for each of the ten test levels and must be purchased in addition to the tests. Included with the APH supplemental directions is a copy of the regular print test, as well as *Directions for Administering* the regular print test.

Norms Book Available

The *National Norms Books, Fall and Spring Editions, 1996* are available both from APH and from Harcourt Educational Measurement (800-211-8378, www.hemweb.com). These regular print books contain information on the educational content/rationale of the *Stanford*, as well as guidelines for interpretation of scores and individual performance.

Recommended Levels for *Stanford Achievement Test: Form S, 9th Edition*

Grade	Fall	Spring
2		Primary 2
3	Primary 2	Primary 3
4	Primary 3	Intermediate 1
5	Intermediate 1	Intermediate 2
6	Intermediate 2	Intermediate 3
7	Intermediate 3	Advanced 1
8	Advanced 1	Advanced 2
9	Advanced 2 or TASK 1	Advanced 2 or TASK 1
10	TASK 2	TASK 2
11	TASK 3	TASK 3
12	TASK 3	TASK 3

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Assessment continued

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BRaille TESTS—Stanford Achievement Test: Form S, 9th Edition

<u>Level</u>	<u>APH Catalog No.</u>	<u>Price</u>
Primary 2	V-96000-00	\$38.00
Primary 3	V-96002-00	\$56.00
Intermediate 1	V-96004-00	\$56.00
Intermediate 2	V-96006-00	\$60.00
Intermediate 3	V-96008-00	\$60.00
Advanced 1	V-96010-00	\$60.00
Advanced 2	V-96012-00	\$60.00
TASK 1	V-96014-00	\$70.00
TASK 2	V-96016-00	\$70.00
TASK 3	V-96018-00	\$70.00

Regular Print Supplemental Directions for Administering the Stanford 9th Braille Tests

Primary 2	G-96000-00	\$48.00
Primary 3	G-96002-00	\$48.00
Intermediate 1	G-96004-00	\$48.00
Intermediate 2	G-96006-00	\$48.00
Intermediate 3	G-96008-00	\$48.00
Advanced 1	G-96010-00	\$48.00
Advanced 2	G-96012-00	\$48.00
TASK 1, 2, and 3	G-96014-00	\$60.00

LARGE TYPE TESTS—Stanford Achievement Test: Form S, 9th Edition

Primary 2	F-96001-00	\$26.25
Primary 3	F-96003-00	\$30.00
Intermediate 1	F-96005-00	\$30.50
Intermediate 2	F-96007-00	\$30.50
Intermediate 3	F-96009-00	\$33.50
Advanced 1	F-96011-00	\$33.50
Advanced 2	F-96013-00	\$33.50

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TASK 1	F-96015-00	\$33.50
TASK 2	F-96017-00	\$29.00
TASK 3	F-96019-00	\$29.00

Regular Print Supplemental Directions for Administering the Stanford 9th Large Type Tests

Primary 2	G-96001-00	\$30.50
Primary 3	G-96003-00	\$30.50
Intermediate 1	G-96005-00	\$30.50
Intermediate 2	G-96007-00	\$30.50
Intermediate 3	G-96009-00	\$30.50
Advanced 1	G-96011-00	\$30.50
Advanced 2	G-96013-00	\$30.50
TASK 1, 2, and 3	G-96015-00	\$33.50

National Norms Books for Stanford 9th (regular print)

National Norms Book, Fall, Multilevel	G-96017-00	\$80.00
National Norms Book, Spring, Multilevel	G-96016-00	\$80.00

Diagnostic Reading Scale (DRS): Spache®

This scale assesses three reading levels for each student: an instructional level, an independent level, and a potential level. The *DRS* can provide a basis for educational planning or remediation.

Diagnostic Reading Scale: Spache, Student Reading Book. Adapted by Bill Duckworth and Hilda Caton. American Printing House for the Blind, 1992. For grades 1-7.

Large Print Edition: 4-31700-00.....\$25.00

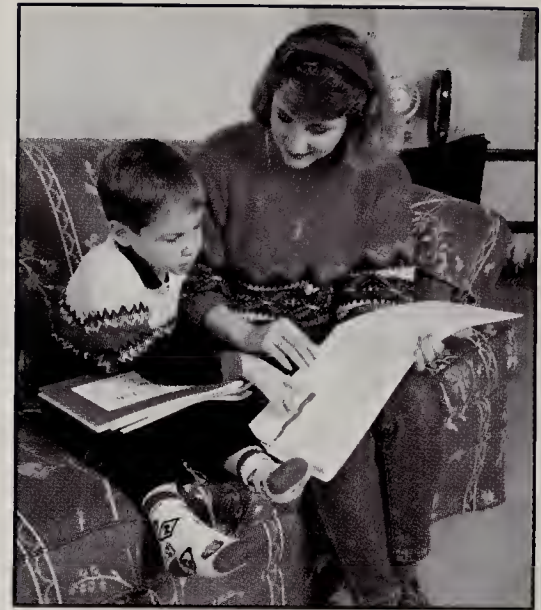
Braille Edition: 5-31700-00.....\$25.00

Diagnostic Reading Scale: Spache, Examiner's Pack. Adapted by Bill Duckworth and Hilda Caton. American Printing House for the Blind, 1992. For grades 1-7.

Regular Print Edition: 7-31700-00.....\$25.00



Early Childhood



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Reach For the Stars, Planning for the Future: A Transition Process for Families of Young Children

APH presents *Reach for the Stars*, a first-of-its-kind guidebook about transitioning young children into preschool or kindergarten settings. It is designed to help the families of young children with disabilities imagine positive and productive futures. It aids families in working with school personnel to create educational plans that will lead to inclusive educational programs.

- Family members can work with teachers, community members, and their child's peers to complete the maps and supporting materials prior to attending a transition meeting for their child.
- Service providers can use the material to understand a family's desires and expectations regarding their child's future.



Reach for the Stars:

Large Print Edition: 7-08410-0.....\$26.00

Braille Edition: 5-08410-00.....\$35.00

Transition Planning Pages only:

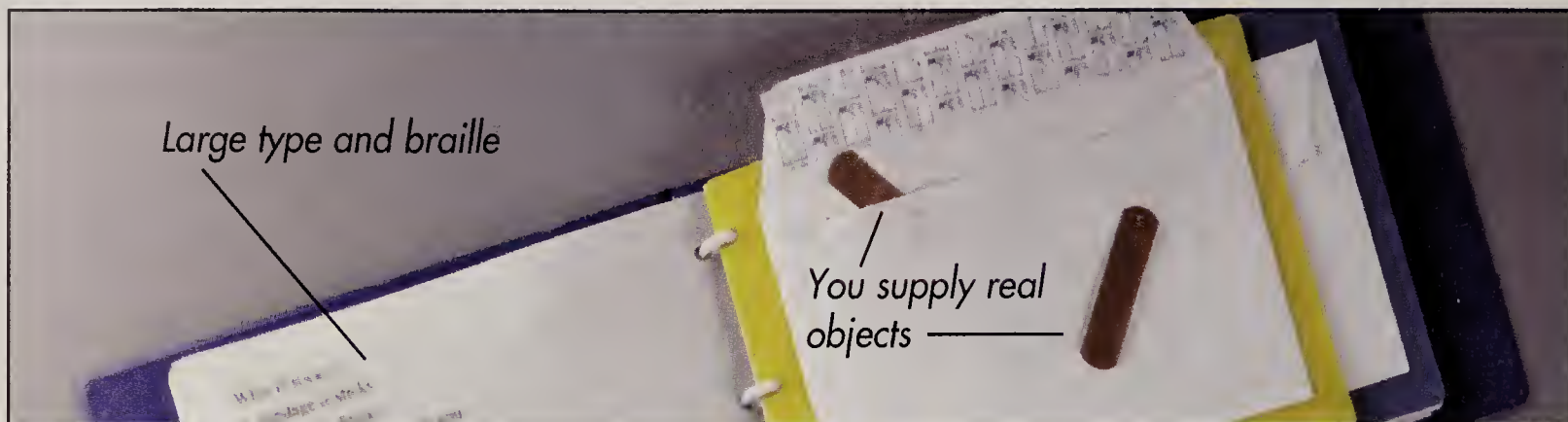
Large Print: 7-08411-00.....\$5.00

Braille: 5-08410-01.....\$5.00

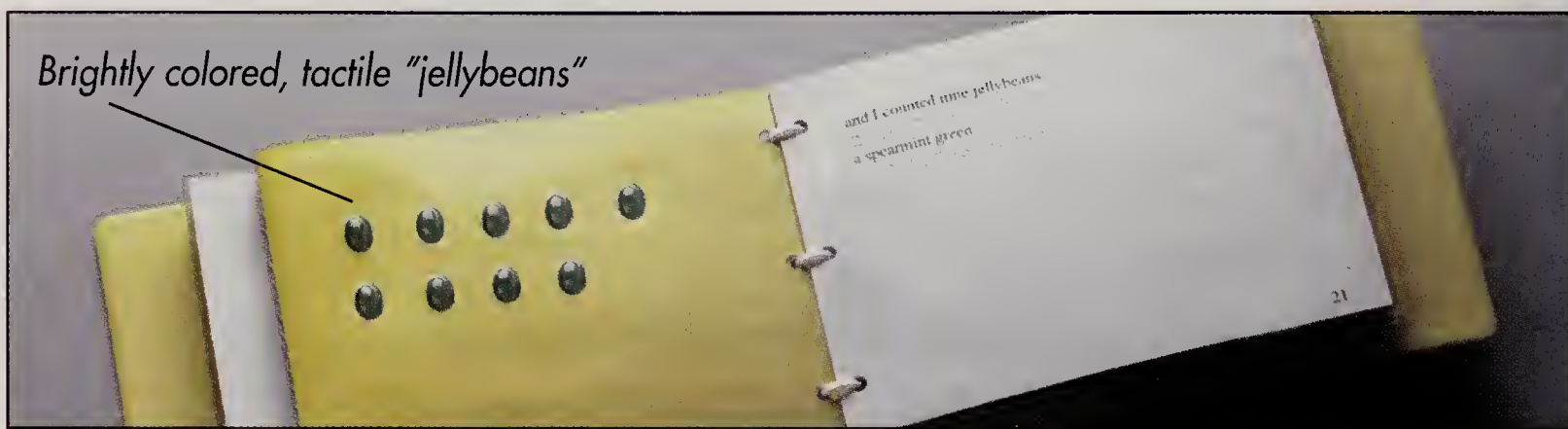
Early Childhood continued

On the Way to Literacy: Early Experiences for Visually Impaired Children

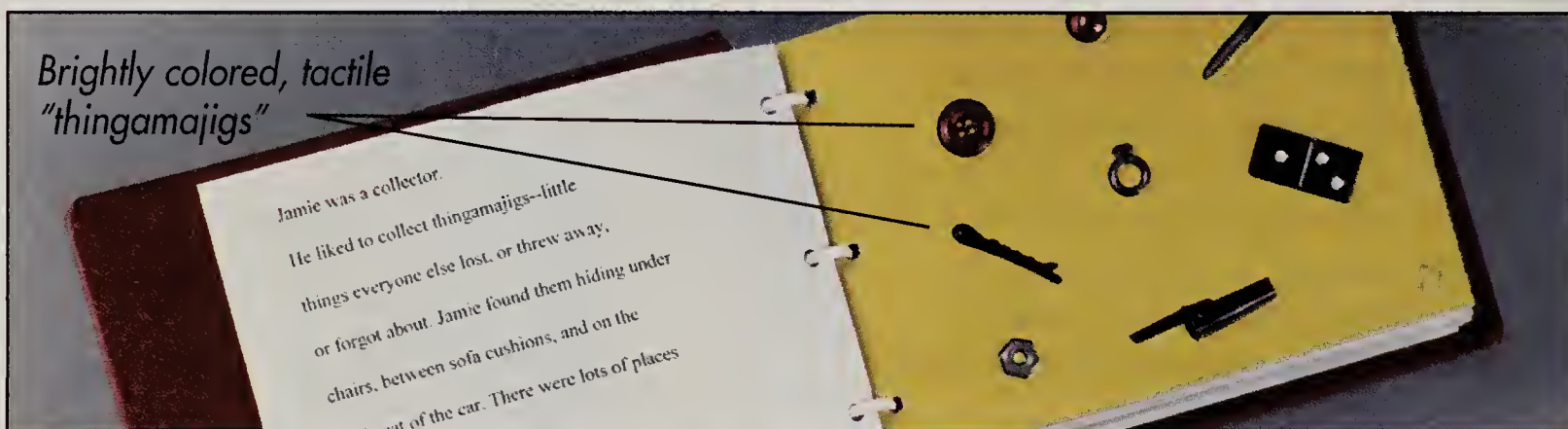
Sample titles; please see page 13 for a complete listing.



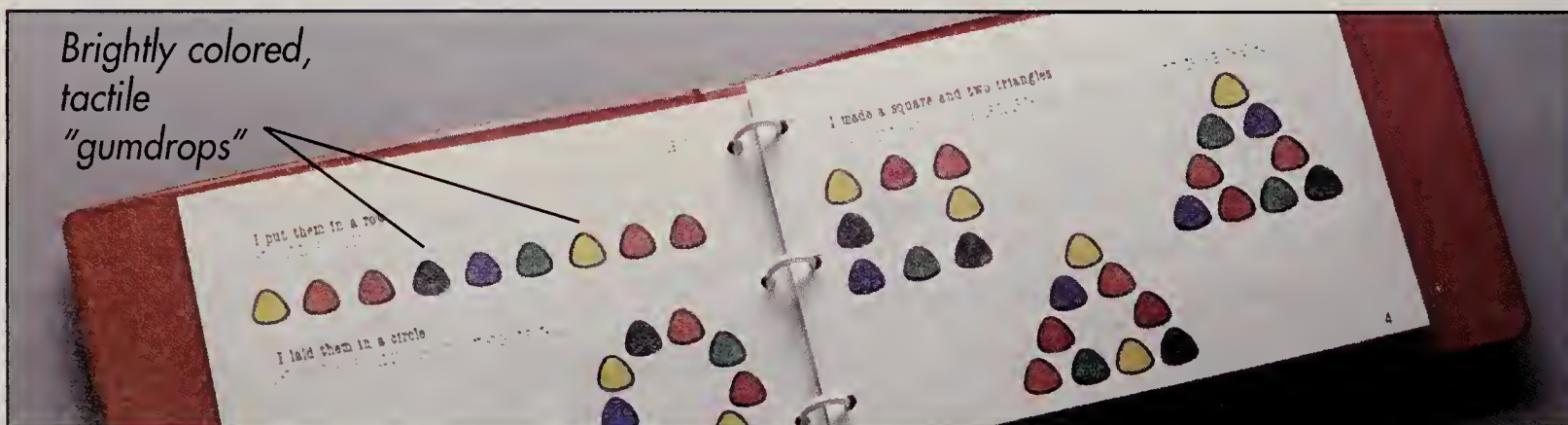
Giggly-Wiggly Snickety-Snick (A Book with Real Objects and Textures)



Jellybean Jungle (A Book with Thermoforms)



Thingamajig (A Book with Thermoforms)



The Gumdrops Tree (A Book with Raised-Line Drawings)

On the Way to Literacy: Early Experiences for Visually Impaired Children

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young blind or visually impaired children.

Handbook and *Let's Get Started*

Handbook for parents and teachers addresses communication, hand skills/tactile exploration, concepts, and book experiences.

Recommended ages for handbook and *Let's Get Started* concepts: birth to 5 years.

Storybooks

Storybooks introduce large print, tactile illustrations, and braille. Illustrations provide opportunities to use finger and hand skills.

Recommended ages for storybooks: 2 1/2 to 5 years, **except Gumdrops Tree, which is not for children under 3 years.**

How On the Way Is Sold

The handbook and storybooks can be purchased separately or as sets. The books in the sets are grouped together for your ordering convenience, and are not sequential in terms of level of difficulty.

On the Way Storybooks with Real Objects and Textures

Title	Description	Catalog No.	Price
<i>Giggly-Wiggly, Snickety-Snick</i> (Set III)	Words capture a range of tactile experiences—bumpy, smooth, crunchy, etc. Envelopes on the pages can be filled with real objects (not included).	6-77502-05	\$41.00
<i>Something Special</i> (Set I)	A young child searches for a lost possession; features objects fixed to the book pages.	6-77500-05	\$43.00
<i>That's Not My Bear</i> (Set II)	A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by the family are represented by furry shapes.	6-77501-01	\$41.00
<i>Geraldine's Blanket</i> (Set II)	A girl's treasured blanket becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.	6-77501-02	\$48.00

On the Way Storybooks Illustrated with Thermoforms (molded plastic shapes)

Title	Description	Catalog No.	Price
<i>Jennifer's Messes</i> (Set I)	Thermoforms of familiar objects such as breakfast cereal, pretzels, and crayons illustrate the messes made by Jennifer.	6-77500-06	\$50.00

continued on next page

On the Way Storybooks Illustrated with Thermoforms, continued

Title	Description	Catalog No.	Price
Jellybean Jungle (Set III)	A counting rhyme about a magical jungle filled with jellybeans. From one to ten, the jellybeans appear in rows for easier counting. Scented stickers included.	6-77502-01	\$64.00
Gobs of Gum (Set I)	A rhyming story about "big blobs, small gobs, and sticky icky strings of bubblegum."	6-77500-08	\$38.00
Roly-Poly Man (Set I)	A young child creates a "roly-poly" figure from pieces of clay.	6-77500-07	\$44.00
Thingamajig (Set III)	Jamie is a collector of "thingamajigs"—coins, marbles, buttons, and other common objects. His treasures introduce the concept of grouping items, and identifying missing items.	6-77502-04	\$40.00

On the Way Storybooks with Raised-Line Drawings

Title	Description	Catalog No.	Price
The Longest Noodle (Set I)	A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.	6-77500-01	\$21.00
The Blue Balloon (Set II)	A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.	6-77501-03	\$34.00
The Littlest Pumpkin (see related puzzles after this chart)	When the littlest pumpkin in the patch isn't chosen to become a jack-o-lantern, things seem very bleak—until a child discovers his hiding place! Raised lines and die-cut foam pumpkins.	6-77504-00	\$48.00
That Terrible, Awful Day (Set I)	A young child's popsicle gets smaller as everyone shares a taste.	6-77500-04	\$17.00
The Caterpillar (Set I)	A visually impaired child discovers something in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.	6-77500-02	\$18.00
Silly Squiggles (Set I)	A wormlike creature stretches, squeezes, and squirms into various shapes in this rhyming story.	6-77500-09	\$19.00
The Gumdrops Tree (Set III)	A tree which grows from a gumdrop! The raised-line drawings depict the growth of the tree. The gumdrops are shown in a row, circle, square, etc. Includes scented stickers.	6-77502-03 <i>For ages 3 years and up.</i>	\$58.00
Bumpy Rolls Away (Set I)	Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.	6-77500-03	\$19.00

Special On the Way Book Lets Children Create a Story About Themselves

Title	Description	Catalog No.	Price
Book About Me (Set I)	A "Me Book" for children to create, with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.	6-77500-10	\$16.00

On the Way to Literacy Book Sets

Title	Description	Catalog No.	Price
On the Way to Literacy: Complete (Set I)	One print handbook and one each of: <i>Something Special</i> ; <i>Jennifer's Messes</i> ; <i>Gobs of Gum</i> ; <i>Roly-Poly Man</i> ; <i>The Longest Noodle</i> ; <i>That Terrible, Awful Day</i> ; <i>The Caterpillar</i> ; <i>Bumpy Rolls Away</i> ; <i>Silly Squiggles</i> ; <i>Book About Me</i> . 10 storybooks total.	6-77500-00	\$320.00
On the Way to Literacy: Complete (Set II)	One each of: <i>That's Not My Bear</i> , <i>Geraldine's Blanket</i> , <i>The Blue Balloon</i> . 3 storybooks total.	6-77501-00	\$130.00
On the Way to Literacy: Complete (Set III)	One each of: <i>Giggly-Wiggly</i> , <i>Snickety-Snick</i> ; <i>Jellybean Jungle</i> ; <i>Thingamajig</i> ; <i>The Gumdrops Tree</i> . 4 storybooks total. <i>Gumdrops</i> 3 years and up.	6-77502-00	\$210.00

On the Way to Literacy Handbook, Let's Get Started, and Related Video

Title	Description	Catalog No.	Price
On the Way to Literacy Print Handbook	Helps parents and teachers build a foundation for literacy with children from birth to kindergarten. (One print copy is included with Complete Set I.)	8-77500-00	\$28.00
On the Way to Literacy Cassette Tape Handbook	Contains the text of the print handbook on a 4-track, 15/16 ips cassette tape. (Cassette edition of handbook is only available separately.)	C-77500-00	\$2.50
On the Way to Literacy: Let's Get Started	Introductory book to the <i>On the Way</i> series helps parents learn the importance of reading aloud to young children. This print/braille book is included in all new sets of <i>On the Way</i> books.	8-77499-00	\$7.00
Discovering the Magic of Reading: "Elizabeth's Story" (videotape and booklet)	This 24-minute video and included booklet examine ways that parents and teachers of young visually impaired children can make the vital experience of reading aloud enjoyable and meaningful.	1-30002-00	\$22.00



Related On the Way Product: Pumpkin Puzzles



APH now offers two pumpkin puzzles related to the *On the Way to Literacy* book *The Littlest Pumpkin*. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o-lantern face. Orange and black foam puzzle pieces are reversible.

1-08835-00.....\$24.75

Developmental Guidelines for Infants with Visual Impairment: A Manual for Early Intervention

Manual describes what is known about the development of infants with a wide range of visual impairments. Includes sections on:

- Visual Impairment in Infants (overview)
- Social-Emotional Development
- Communication Development
- Cognitive Development
- Fine Motor Development
- Gross Motor Development
- Functional Vision Development
- Use of the Guidelines to Develop Intervention Goals and Strategies



For each developmental area, this book includes Narrative Chapters and Developmental Charts.

Recommended ages: Birth to 2 years, primarily for professionals.

Developmental Guidelines:
8-50700-00.....\$29.00



Parent Early Childhood Education Series

Activity sheets describe techniques parents can use to help their blind or visually impaired child grow in key developmental areas: cognitive, communication, eating, motor, and play skills; emotional and sensory development; and orientation and mobility.

Recommended ages: birth through 5 years, for parents and professionals.

Teacher, English Edition, Print in binder: 7-96201-00.....\$14.00

Parent/Caregiver, English Edition, Loose Leaf Print: 7-96200-00.....\$7.00

English Edition, Braille: 5-96201-00.....\$35.00

Spanish Edition, Loose Leaf Print: 7-96202-00.....\$15.00

Ordering & Info: www.aph.org or 1-800-223-1839

Parents and Visually Impaired Infants (PAVII)

Print materials designed to help parents of visually impaired babies become involved as primary members of the intervention team.

Includes:

- **Parent Assessment of Needs:** Help identify home-based goals for infants.
- **Parent Observation Protocol:** Covers parent observation of self and child through videotaping.
- **PAVII 'How-To' Papers on Assessment:** Home-based assessment information.
- **The Art of Home Visiting:** Responsibilities of a home visitor and issues in the home visit process.
- **Getting Ready for School:** The learning environment, family factors, child factors, school district factors, expert input, and educational rights.
- **Learning Together: A Parent Guide to Socially Based Routines for Visually Impaired Infants:** Help a baby learn

during everyday activities (also available separately).

Materials come bound in a sturdy three-ring notebook. Recommended ages: birth to 3 years, primarily for parents.

PAVII: 7-96150-00.....\$41.00

**Learning Together only:
7-68660-00.....\$13.00**



PAVII helps parents become deeply involved in their child's education.

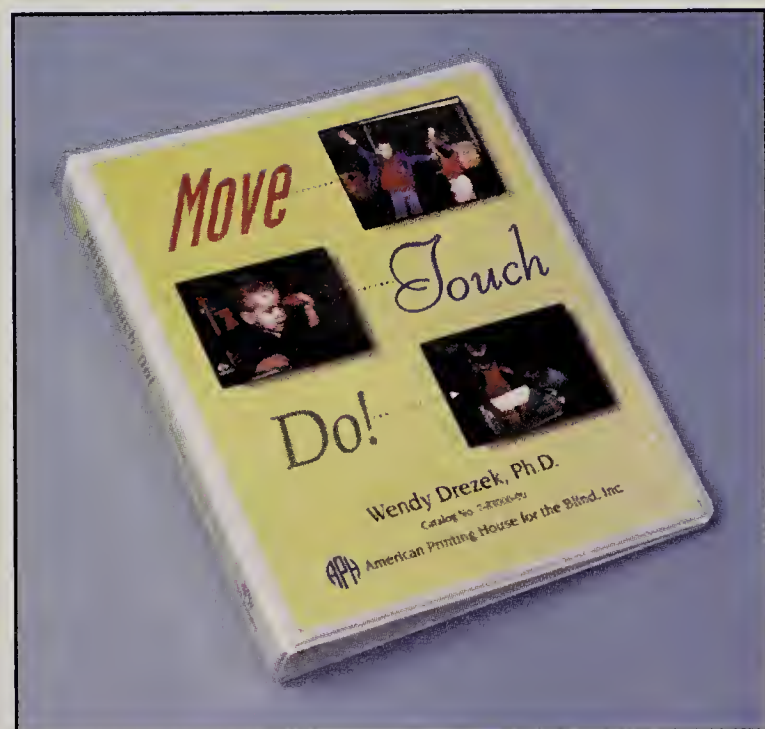
Move, Touch, Do!

Curriculum provides children opportunities to develop the awareness and skills to prepare them to enter formal education.

Materials provide an outline of daily activities, a structure of materials and skills for the school year, instructions for craft projects, and sample communication boards. Included computer disk contains letters to parents, helpful forms, and checklists.

Recommended ages: For developmental ages birth to 5 years, primarily for professionals.

Move, Touch, Do! 7-83000-00.....\$37.00



Prepare young children to enter formal education!

Sun	Mon	Tues	Wed	Thur	Fri	Sat
Who is starting kindergarten? Look at their new school supplies.	Today is a holiday. Look for people who work on holidays. Talk about why.	Help scrub and scrape a dish that has baked-on food. Try soaking it off.	Read the directions to make lemonade and follow them.	Borrow something from neighbors—a rake or sugar.	Get letters ready to mail. Put stamps on them.	This is a day of choice. You decide what to eat, what to wear, where to go, what to buy.
Go to the fire station. See the fire truck. What else is in the fire station?	Play a scavenger hunt. How many things can you find that can you find?	Wash some apples, celery, cauliflower, and other fruits or vegetables.	Help with the dishes.	Look at cartons of milk in the store. Inspect the different shapes, sizes, and materials.	What is broken glass? Why is it dangerous? What do you do if you are cut?	Clean out the car. Vacuum it and wash its windows and mirrors.
Explore a church. Count the pews, song books, and chairs. Talk about.	Go to a corn field. What is happening to it? Look at the corn.	At a gas station, look at new tires and worn ones. Help put air in your car's tires.	Count the number of pockets on family members' outfits.	Walk through leaves. If it's windy what do the leaves do? Is it wet under the leaves?	Rake leaves. Bag them. Start a compost pile or put them on a garden.	Build with blocks. How high can you build?
Go to a pet store. Buy a toy for a dog.	Go on a hike in the car. Stop and walk up the hill you just drove down.	Find an acorn a squirrel buried.	Early in the morning check for heavy dew.	Why do we close potato chip bags? How do we close them?	Purposely burn candles. Smell them and taste them. Soak the pan and scrub it.	What does it mean to be sad? Is someone in your family sad?
Go to a craft fair.	Visit a preschool or day care center.	Sort purple summer clothes away. Why do we do this?	Measure water and rice. Cook them for a meal.	Look at bunches of grapes and bananas.	Find a gecko hole. Look inside.	What happens to a glass in the dishwasher that is not upside-down?

Preschool Activities Calendar

A fun new activity is suggested for each day of the year to aid in providing a stimulating learning environment for young visually impaired children. Activities draw on everyday occurrences and make use of common, low cost materials. Includes informational material. 12 month calendar does not track any specific year, but can be used year after year.

Recommended ages: Functional age of 3 to 5 years, primarily for parents and caregivers.

Preschool Activities Calendar

(regular print): 1-08120-00.....\$9.50



Tactile Treasures: Math and Language Concepts for Young Children with Visual Impairments

Informal assessment and teaching tool for use with children from preschool through elementary. Helps develop an early understanding of basic concepts and vocabulary that are prerequisites for reading and math.

Tactile graphics of thermoformed real objects and related scripts/stories introduce over 90 concepts such as shape, size, comparison,

amount, position, and page orientation. Consists of 79 thermoformed sheets featuring tactile objects, such as pretzels, buttons, shells, etc. Teacher's guidebook in print and braille provides the scripts or stories for each concept. Recommended ages: 4 to 9 years, primarily for professionals.

Tactile Treasures (entire kit): 1-08842-00.....\$114.00

Replacement Items

Note: It is not recommended that the guidebook be used without the thermoformed pages.

Print Guidebook: 7-08842-00.....\$22.00

Braille Guidebook: 5-08842-00.....\$8.50

Ordering & Info: www.aph.org or 1-800-223-1839

Fine Motor Development Materials: Twist, Turn, and Learn

Helps young visually impaired or multihandicapped children develop and enhance fine motor skills. Kit assists in developing reaching, grasping, raking, pincer grasp, wrist rotation, searching technique, palmar grasp, and visual-motor/visual-perceptual coordination.

Includes eight modules with bright colors and ringing bells; a set of straps that allow the modules to be hung on playpens or cribs; a carrying bag; and a print teacher's guidebook.



Recommended ages: birth to 36 months, primarily for professionals.

Fine Motor Complete Set: 1-08420-00.....\$336.00

Teacher's Guidebook only: 7-40400-00.....\$24.00

HANDS ON: Functional Activities for Visually Impaired Preschoolers

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image.

Includes a guidebook and six specially designed plastic work trays. The guidebook details numerous activities using the trays and commonly available materials. The work progresses from jobs such as pouring beans to more complicated tasks such as preparing snacks. Recommended ages: 3 to 6 years, for parents and professionals.



HANDS ON Kit: 1-03260-00.....\$173.00

HANDS ON Guidebook only: 7-52210-00.....\$33.00

Early Childhood continued

Sensory Stimulation Kit (SSK)

Facilitates development of basic sensory processes in young blind or multi-handicapped children.

Provides a wide range of stimulation, using bells, lights, textured mittens, vibrator, brush,



blow dryer, etc. Includes 25 groups of items within the five sensory modes (auditory, tactual-kinesthetic, visual, and olfactory/gustatory), a print teacher's guidebook, and activity cards.

Recommended ages: birth to 6 years, primarily for professionals.

SSK Complete Kit: 1-08610-00.....\$515.00

Kits Available Separately:

Auditory Kit: 1-08640-00.....\$124.00

**Tactual-Kinesthetic Kit:
1-08630-00.....\$155.00**

Visual Kit: 1-08620-00.....\$135.00

**Olfactory/Gustatory Kit:
1-08650-00.....\$39.00**

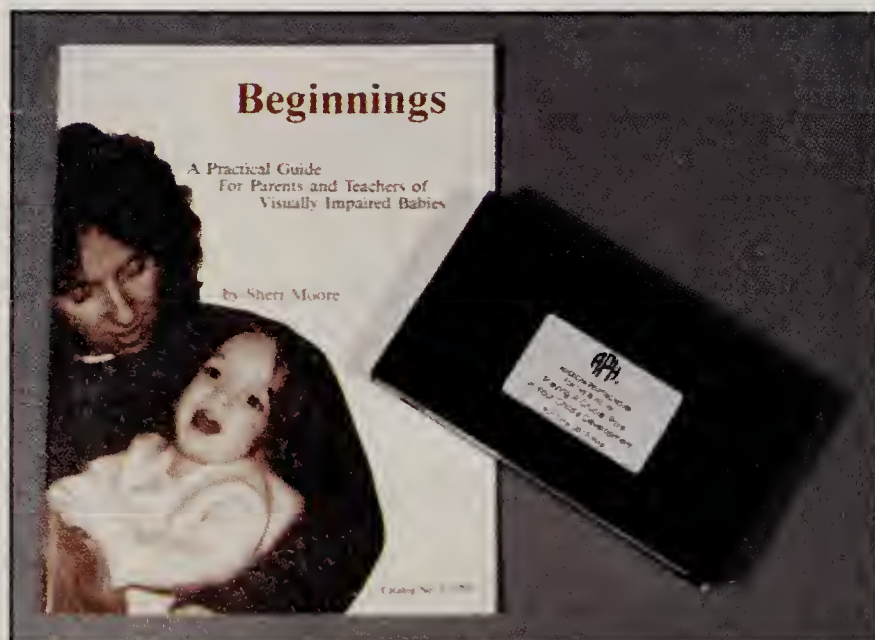
Materials Available Separately:

Teacher's Guidebook: 8-11850-00.....\$15.00

Activity Cards: 8-11860-00.....\$32.00

Penlight w/Color Caps & Flashlight w/Color Discs: 1-08390-00.....\$36.00

Playing the Crucial Role in Your Child's Development and Beginnings



These two items give parents or teachers of visually impaired babies many easy-to-follow suggestions. The short video and more detailed book present ways of building critical skills such as reaching, grasping, midline coordination, walking, etc.

Recommended ages: birth to 2 years, for parents and professionals.

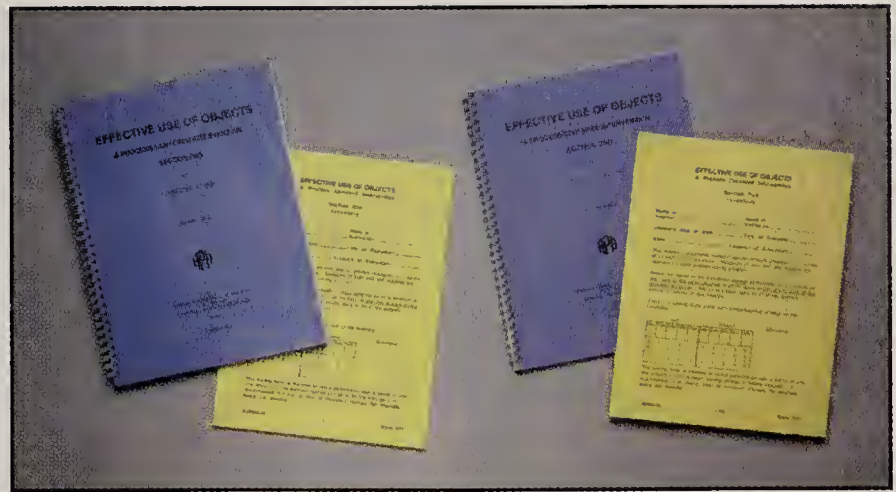
**Playing the Crucial Role in Your Child's Development (VHS video):
1-08341-00.....\$19.00**

**Beginnings: A Practical Guide for Parents and Teachers of Visually Impaired Babies (print handbook):
7-11710-00.....\$9.00**

Effective Use of Objects: A Process Centered Intervention

Helps low-functioning learners develop task-oriented behavior that is self-regulating. Focuses on the kinds of problem-solving skills that encourage the functional use of objects. The first section stresses task orientation and exploration of the physical properties of objects. Section two addresses skills related to using objects in work sequences at a more advanced level.

Recommended ages: functional ages 2 to 7 years, for parents and professionals.



Effective Use of Objects:
7-35500-00.....\$45.00

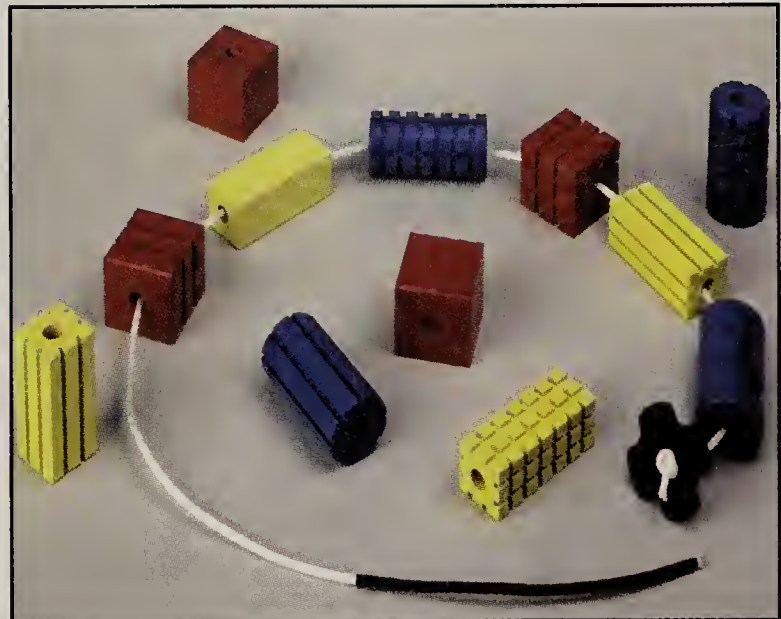
Giant Textured Beads

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Set includes 12 painted wooden beads in three shapes: cube, rectangular solid, cylinder. Shapes have three textures: smooth, striped, and a grid. A bead stringer and instructions in print are included.

Recommended ages: 3 to 6 years.

Giant Textured Beads:
1-03780-00.....\$71.00

Stringer only: 1-03790-00.....\$4.25

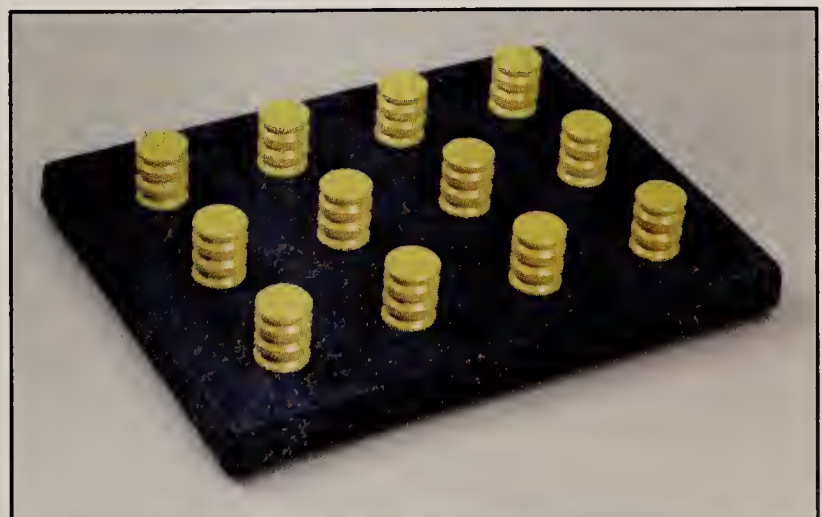


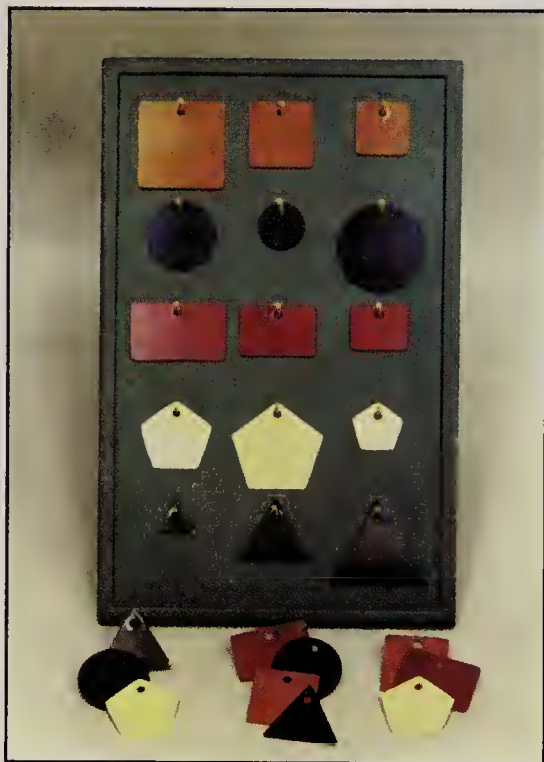
Textured Pegs

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position. Includes a 12-hole board and 12 large textured pegs. Print instructions.

Recommended ages: 1 to 6 years.

1-08930-00.....\$25.00





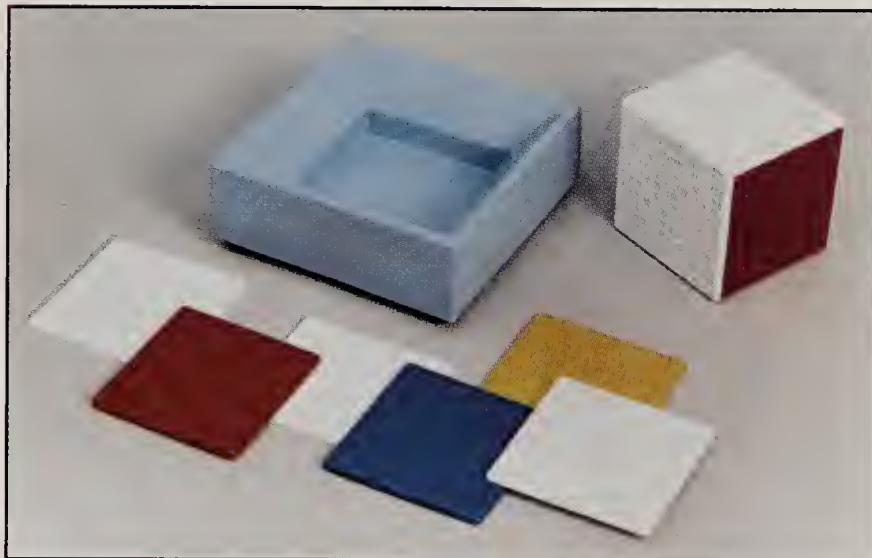
Shape Board

Students learn to discriminate, sort, and classify different geometric figures according to size, shape, color, or position on a pegboard. Also aids in understanding up, down, right, and left.

Consists of 15 geometric shapes and a board with three columns of five pegs. Includes five different shapes in small, medium, and large sizes. Print instructions.

Recommended ages: 4 years and older.

1-03710-00.....\$75.00



Large Textured Block

Develops gross motor dexterity, visual and tactual discrimination, and simple matching skills.

The 3-inch plastic cube features sides of six different colors and textures. Six flat plastic inserts match the cube sides. An insert is placed in the included frame; the block is then placed on top of the insert, matching side down.

Recommended ages: 5 years and older.

1-03820-00.....\$25.00



Textured Matching Blocks

Encourages recognition of textures, identification of textures by name, and tactual matching, while reinforcing directional and positional concepts.

Includes six blocks of different textures and a board with identically textured nests for block matching. Print instructions.

Recommended ages: 3 to 6 years.

1-08950-00.....\$57.00

Formboard with Removable Hands

Promotes orientation to left and right hand positions and texture recognition. Base has incised left and right hand shapes. Tops of the removable hand pieces are smooth, the bottoms are textured. High contrast colors. Print instructions.

Recommended ages: 3 to 6 years.

1-03700-00.....\$25.00



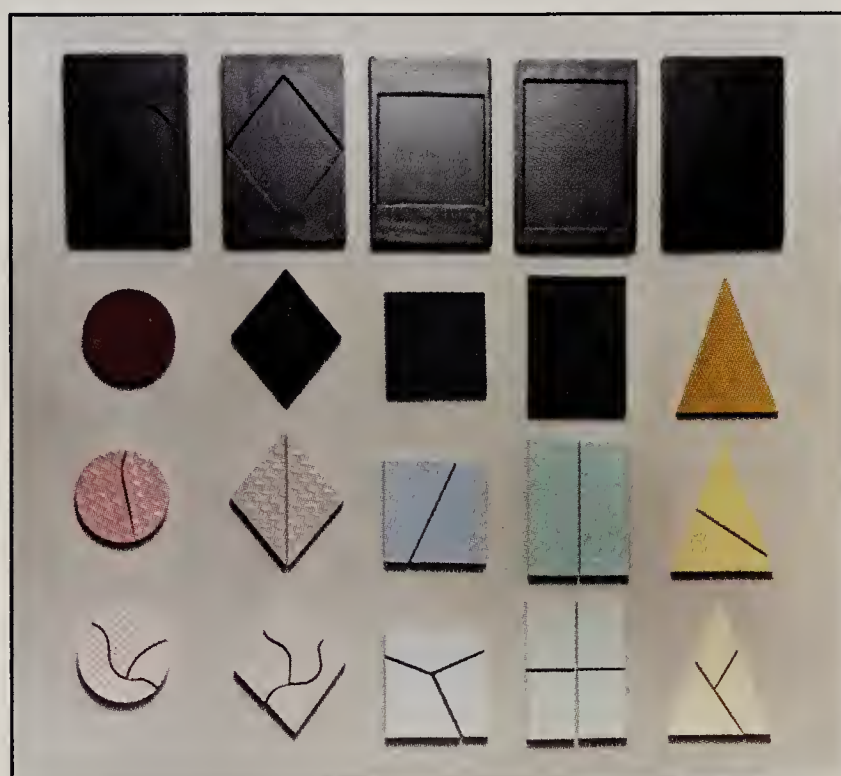
Puzzle Form Board Kit

Supplementary aid for teaching basic concepts such as shape, texture, color, size, and matching.

Five 4 x 6 inch frames have an incised shape of a circle, square, triangle, diamond, or rectangle. Matching shapes fit into the frames, three for each frame. Shapes are cut into one, two, three, or four pieces. Sets of shapes are different colors and textures.

Recommended ages: 3 years and older.

1-03720-00.....\$74.00

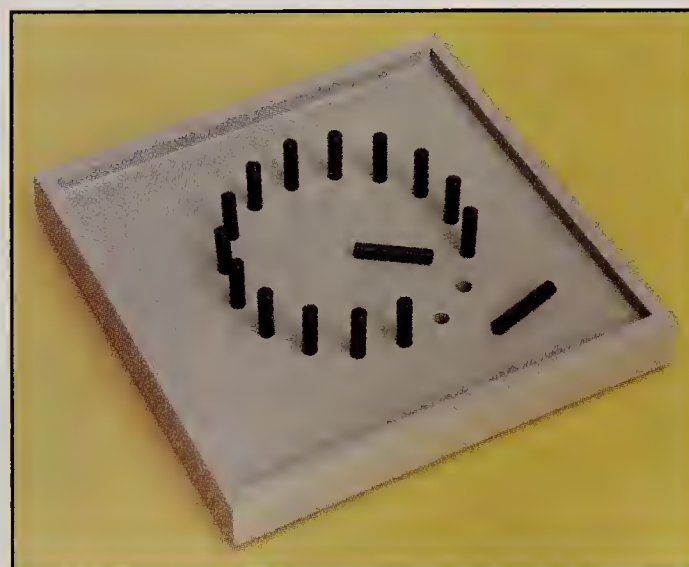


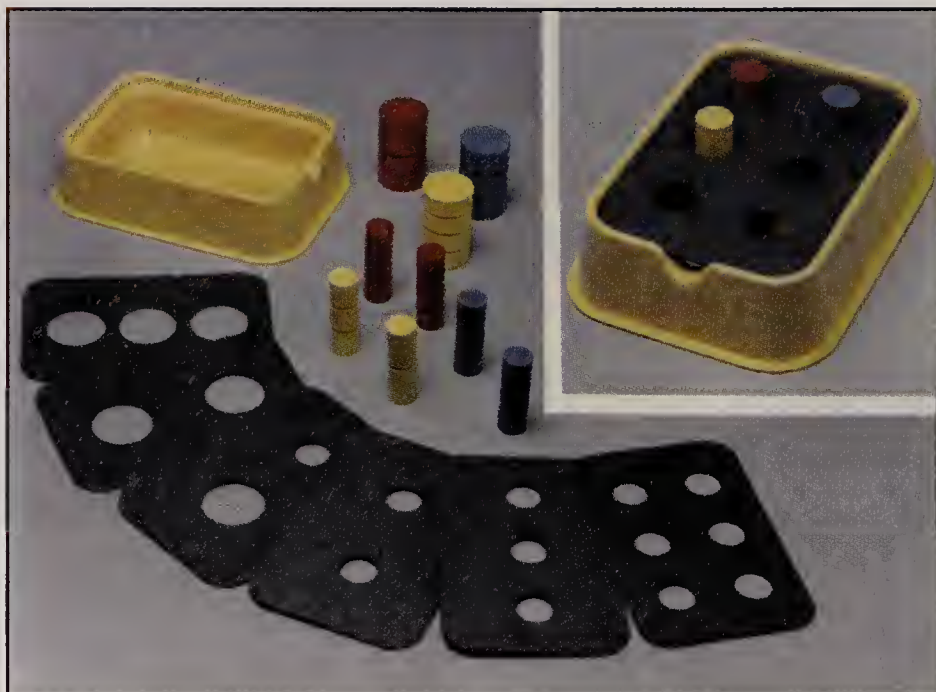
Peg-A-Circle Set

Assists in teaching concepts of next, sequence, clockwise, and counterclockwise. Consists of a 12 inch square board containing 16 holes in a circular pattern, and 16 pegs. Print instructions.

Recommended ages: 3 years and older.

1-08550-00.....\$40.00





Peg Kit

Helps children develop skills in manipulation; number and language concepts; and color, size, and tactual discrimination.

Contains nine pegs of varying sizes, colors, and textures; a manipulation/storage container; and six inset frames with holes of varying number and size. Frames fit into the top of the container and provide for manipulating the pegs.

Recommended ages: 3 to 8 years.

1-03420-00.....\$24.00



Aids for Teaching Basic Concepts of Sensory Development

Print handbook discusses sensory development concepts. Contains activities and guidance for use with visually impaired and multihandicapped children.

Recommended ages: infancy through primary.

7-02250-00.....\$28.00



Sensory Cylinder Set

Develops skills in manipulation; number and language concepts; and tactual, color, and weight discrimination. Contains six cylinders, two each of three different weights. Ends of the cylinders have six different texture matches. No two matches of weight, texture, or color can be made simultaneously.

Recommended ages: 3 years and older.

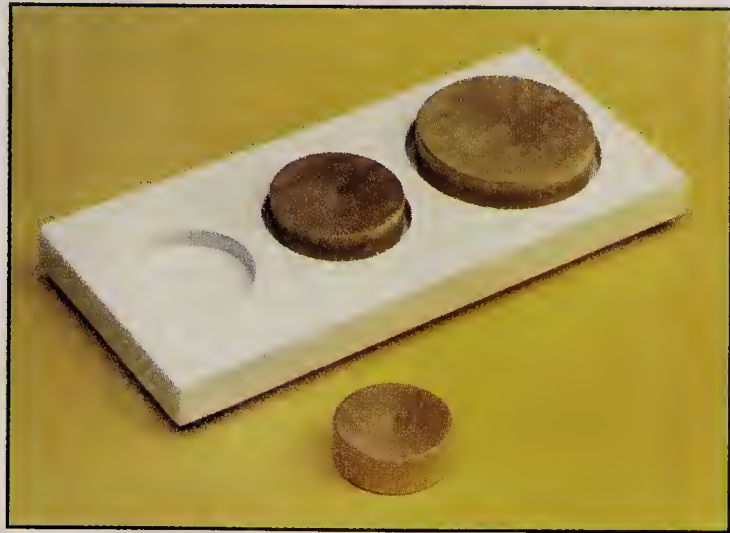
1-03670-00.....\$69.00

Small, Medium, and Large Circles, Set I

Introduces the concept of fine size discrimination. A frame contains three recessed nests for holding three wooden circles of various sizes. Print instructions.

Recommended ages: 1 to 6 years.

1-08590-00.....\$16.00



Small, Medium, and Large Circles, Set II

Facilitates perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. A base has three pegs for sorting three sets of four circles with holes in their centers. Circles are in four different colors, and as circle diameter increases, thickness decreases. Print instructions.

Recommended ages: 3 to 6 years.

1-08600-00.....\$58.00



Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Included are: 12 cylinders (four loud- and eight soft-sounding), and a circular, 12-hole board. Cylinders and board are of contrasting colors. Print instructions.

Recommended ages: 3 years and older.

1-08710-00.....\$51.00





Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination.

Includes eight shakers of four different sounds, and an 8-nest base. Print instructions.

Recommended ages: 3 years and older.

1-08720-00.....\$46.00

Work-Play Trays

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space



for sorting, matching, classifying, counting.

Two sizes and colors:

Small Work-Play Tray (17 x 11 3/4 inches):

Gray: 1-03750-00.....\$15.00

Yellow: 1-03660-00.....\$15.00

Dividers for Small Work-Play Tray (pack of four dividers):

Divide the work area into two, three, four, or five parts. 1-03770-00.....\$18.00

Large Work-Play Tray (21 1/4 x 13 1/4 inches):

Gray: 1-03760-00.....\$20.00

Yellow: 1-03740-00.....\$20.00

Note: Dividers are not available for the large tray.



Try Before You Buy!

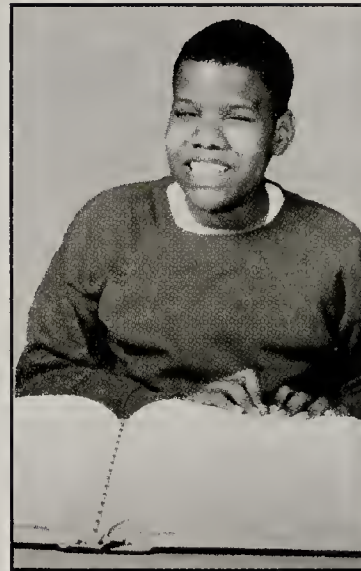
Ask for APH's free software demo disk

1-800-223-1839

Or download demos from www.aph.org/tech

Core Curriculum:

English and Language Arts



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Brain Quest

APH has published four large type/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers*.

Included with all *Brain Quest* titles is APH's Score Card Set that consists of two reusable, brightly colored, tactile and audible plastic scorekeeping devices (also available separately).

Recommended ages: 9 years and up.



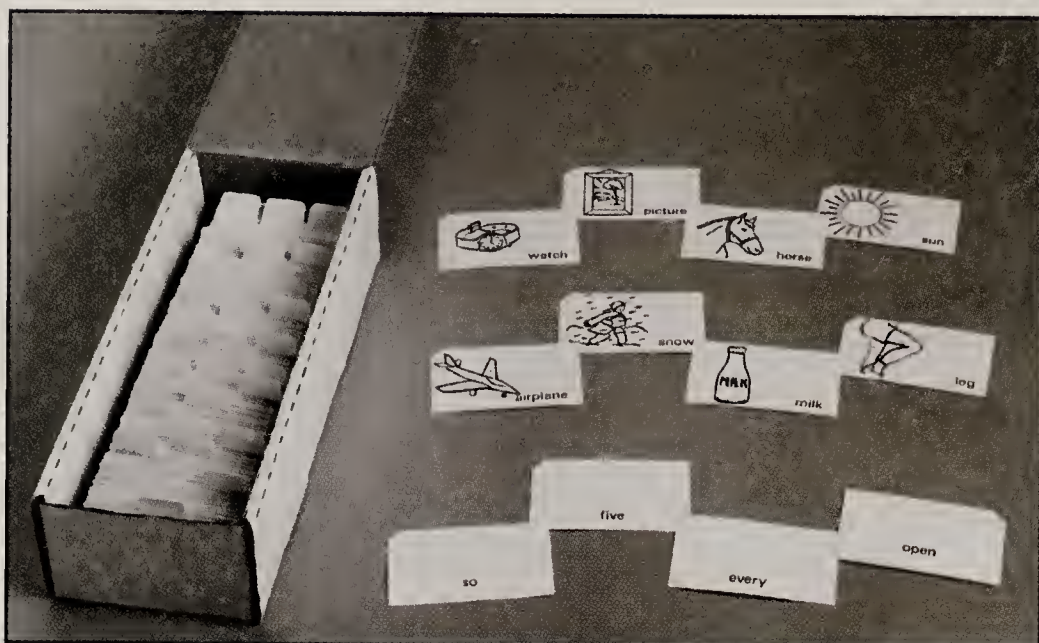
***Brain Quest: American History* (with Score Cards): Large Type/Braille Edition:**
6-17001-00.....\$55.00

***Brain Quest: Geography* (with Score Cards): Large Type/Braille Edition:**
6-17003-00.....\$55.00

***Brain Quest: English* (with Score Cards): Large Type/Braille Edition:**
6-17002-00.....\$55.00

***Brain Quest: Science* (with Score Cards): Large Type/Braille Edition:**
6-17000-00.....\$55.00

Score Card Set only: 1-17001-00.....\$9.00



Expanded Dolch Word Cards

These flashcards consist of pronouns, adjectives, adverbs, prepositions, conjunctions, and common verbs. Can be used to drill and assess a student's ability to read words in Grade 2 Braille and to spell words in Grade 1 Braille.

Cards measure 3 1/2 x 2 inches, with an orientation corner cut. Cards contain both large type and braille words on both sides. Picture-Word Cards contain a picture corresponding

to the word. Words are shown in Grade 1 Braille on one side and Grade 2 Braille on the other. 30 blank cards allow for adding words. Indexing tabs and a storage box included.

Recommended ages: 5 years and older.

Expanded Dolch Word Cards: 1-03560-00.....\$14.00

Note: Can be used with the Card Chart!

Three Different APH Catalogs Are Available!

- **APH Products Catalog, 2002-03** - our complete line of products
- **APH Catalog of Accessible Books, 2000-01**
plus the **Supplement, Spring 2001** (contains mostly textbooks)
- **APH Adult Life Products Catalog, Spring 2000**
- products for everyday living

Each catalog is available in print and one or more accessible media.

**Call toll free 1-800-223-1839
to request the catalog that best meets your needs.**

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www.aph.org



Core Curriculum: Mathematics



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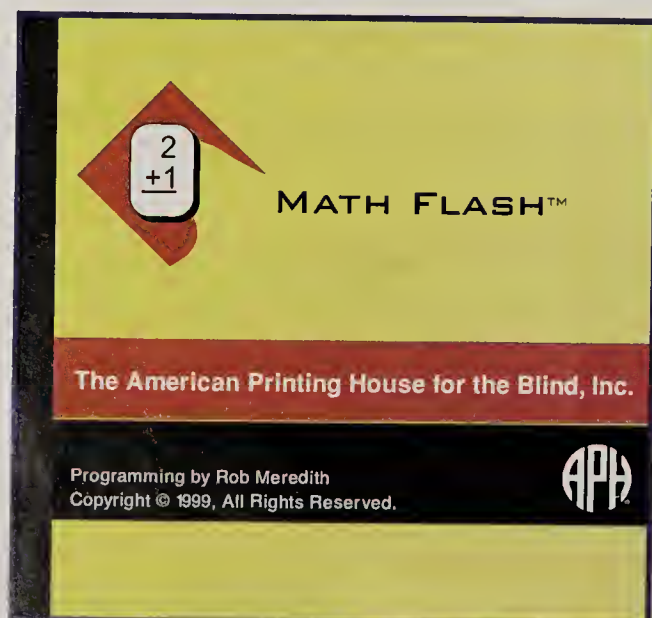
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Math Flash™

Software helps elementary students sharpen math skills with talking electronic flash cards. This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games.

Students can select their favorite fun Math Mentor character. Teachers can modify the number of problems, degree of difficulty, and insert custom problems.

Recommended ages: 6 years and up.



Requirements to Run

PC running at least *Windows 95®*, *Windows 98*, or *Windows NT*; *Internet Explorer® 4.01* or later; 16 megabytes of RAM; 15 to 25 megabytes hard disk space; CD-ROM drive; Sound card and speakers.

Math Flash

CD-ROM: D-19910-00.....\$24.00

Electronic Dist.: D-19910-ED.....\$24.00

Site License: D-19910-SL.....\$125.00

Note: To purchase the site license, you must own one CD-ROM or Electronic Distribution copy of Math Flash. See detailed software purchasing instructions in the "How to Order" section. Download APH Software Demos: www.aph.org/tech

FOCUS in Mathematics

Activity-based program emphasizes the fundamental operations, properties, and structures of math. Includes over 400 manipulative items, designed to be easily handled and to offer tactile and visual contrast. Concepts include:

- Sorting, matching, counting
- Addition and subtraction
- Fractions
- Graphs
- Time and money, etc.



Includes an Academic Program (general use) manual. Special manuals are available separately with activities for deaf/blind or multihandicapped students.

Recommended ages: 4 years and older.

FOCUS Academic Program Complete Kit:
1-08280-00.....\$280.00

Replacement Academic manual (already included in complete kit):
7-42700-00.....\$28.00

Deaf/Blind manual (NOT included in complete kit): 7-42710-00.....\$50.00

Multihandicapped manual (NOT included in kit): 7-42720-00.....\$50.00

Orion TI-34 Talking Scientific Calculator

Specially designed by Orbit Research®, based on the popular TI-34 from Texas Instruments®.

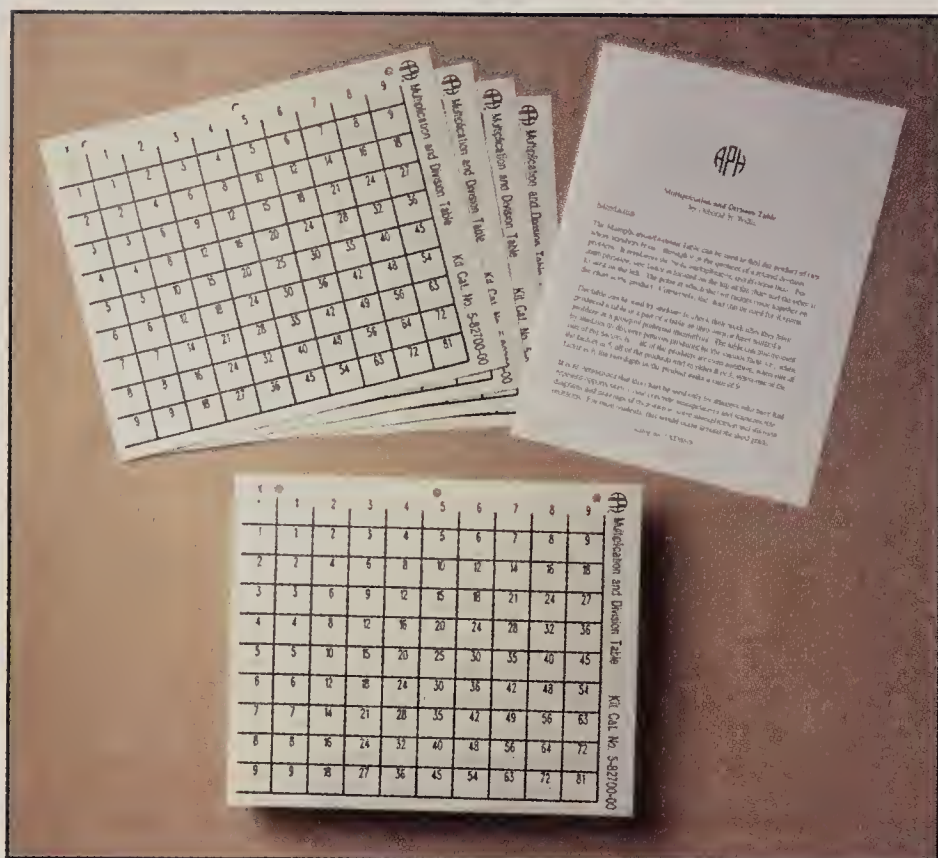
- Over 95 scientific functions
- High-quality speech with quiet or loud settings
- Learning mode for key identification without interrupting operation
- Large, functionally zoned keys
- Rechargeable battery with 6 hour life
- Sliding plastic cover
- Included: earphone, AC adapter
- Manual on cassette and PC-formatted floppy disk
- Dimensions: 5.8 x 2.9 x 1.5 inches; Weight: 11 oz.
- One year limited warranty

Recommended ages: Basic calculator functions can be used by students 10 years and up.

Orion TI-34 Talking Calculator: 1-07335-00.....\$199.00

Note: Not available for purchase with Federal Quota Funds.





Multiplication and Division Table

A large print / braille tool to help math students with multiplication and division problems. The grid can be used to find the product of two whole numbers from 1 through 9 or the quotient of a related division problem.

The chart is printed / embossed on heavy braille paper and is punched for a 3-ring binder. Comes with five charts and an instruction booklet.

5-82700-00.....\$25.00

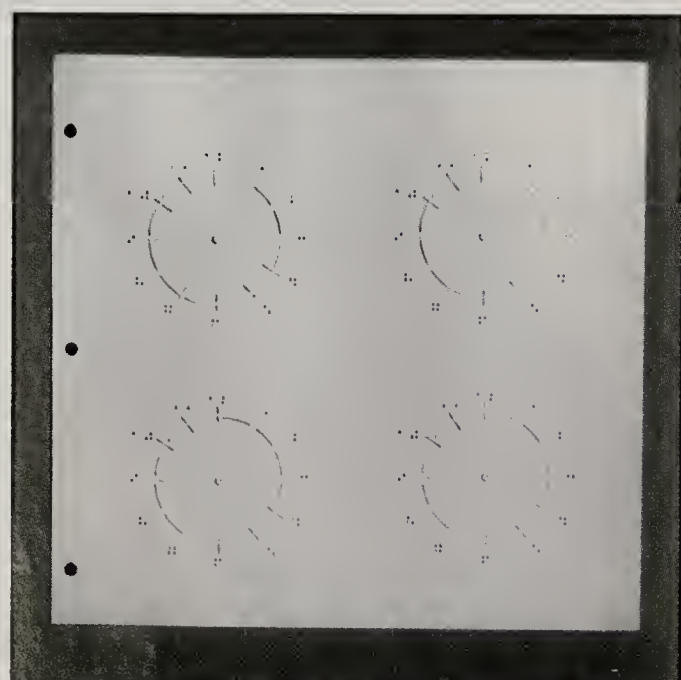


Analog Clock Model

Helps teach about time-telling concepts. Has braille and raised large print markings and hands that are easily rotated. The hands are synchronized like those of an actual clock (the Model has no motor).

Recommended ages: 6 to 10 years.

1-03125-00.....\$16.00



Clock Face Sheets in Braille

Each sheet contains four embossed braille clock faces. Hands can be added to these blank clock faces. Embossed on manila transcribing paper measuring 11 1/2 x 11 inches. 3-hole punched. 25 per package.

Recommended ages: 6 to 10 years.

1-03111-00.....\$7.50

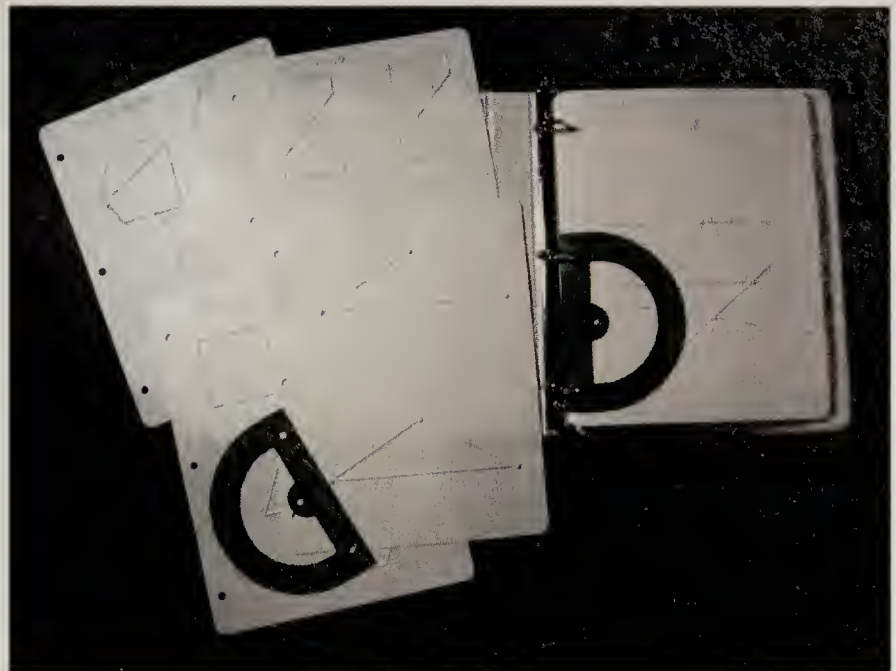
Geometry Tactile Graphics Kit

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

Kit includes 26 white plastic thermoform sheets measuring 8 1/2 x 11 inches. 52 drawings total. Includes two specially adapted protractors, a teacher's guide in print and braille, and a storage binder.

Recommended ages: 12 years and older.

1-08841-00.....\$50.00



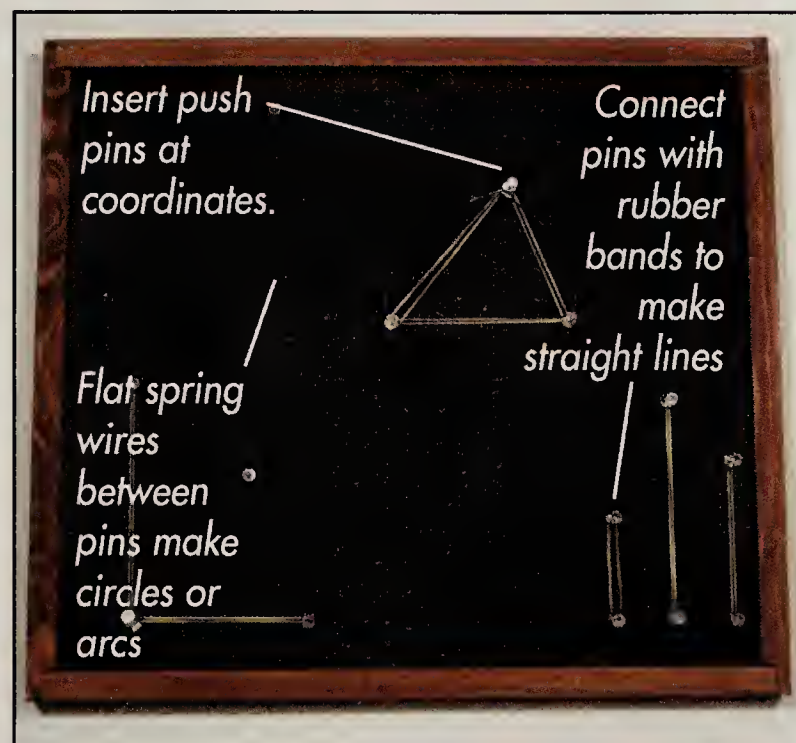
Graphic Aid for Mathematics

Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus.

Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are three flat spring wires, 14 push pins, and rubber bands.

Recommended ages: 8 years and older.

1-00460-00.....\$110.00

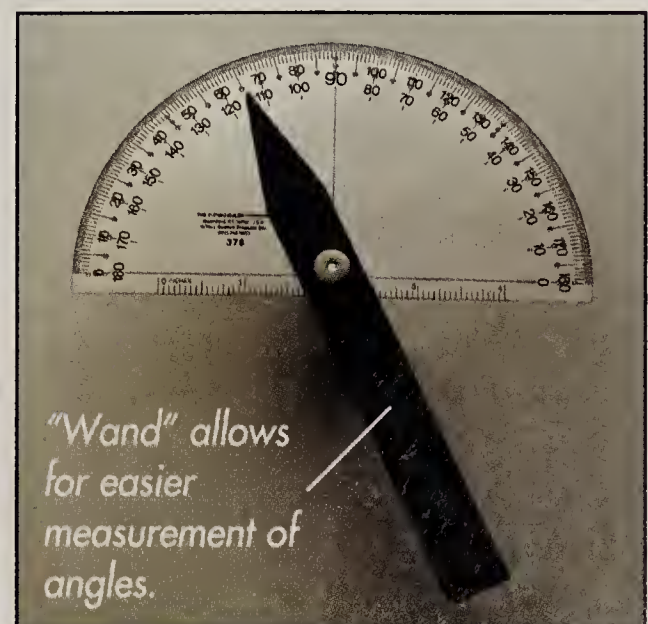


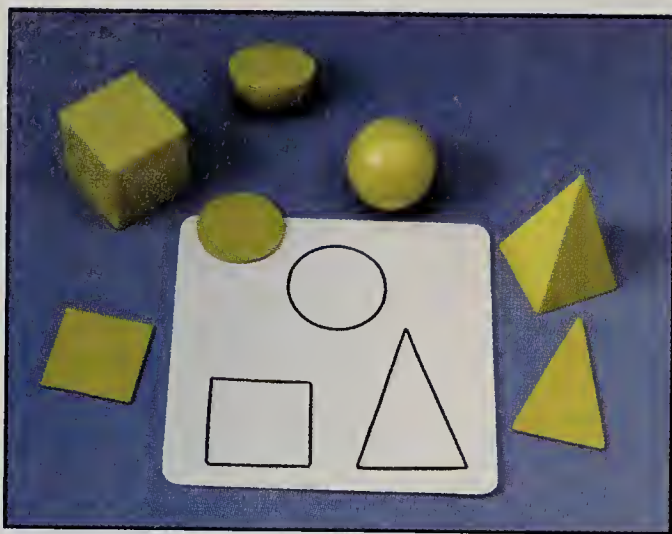
Braille / Print Protractor

Bold large type numbers and raised dots mark the degrees along the half circle of this 180 degree protractor.

An unusual feature is the "wand." This long, flat piece is pointed at one end and anchored on a pivot at the center of the protractor. When the pointed end is aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor. Includes print and braille instructions.

1-04115-00.....\$7.50



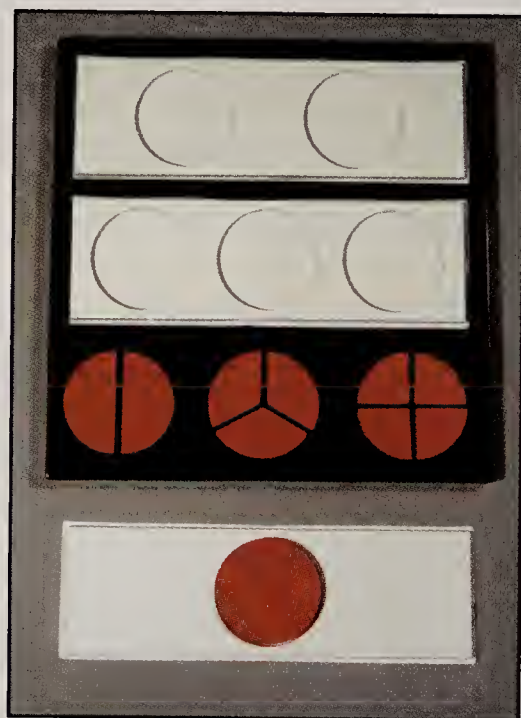


Geometric Forms

Introduces students to the circle, square, and triangle. Kit includes three plane figures, four solid figures, and a white plastic sheet illustrating the three shapes in black, raised lines.

Recommended ages: 5 years and older.

1-03410-00.....\$34.00



Fractional Parts of Wholes Set

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains:

- One work tray
- Three form boards
- Four 3 inch diameter circles, one whole and the others cut into halves, thirds, and fourths

Recommended ages: 5 years and older.

1-03290-00.....\$42.00



APH Number Line Device

Supplemental device bridges the gap between concrete representations and abstract concepts of numbers.

Base holds two number lines for comparison (e.g., tens and fourths). Instructions in regular type.

Recommended ages: 5 years and older.

1-03480-00.....\$65.00

Brannan Cubarithm Slate and Cubes

Young students may find it easier to use this device rather than a braille to align problems such as multiplication.

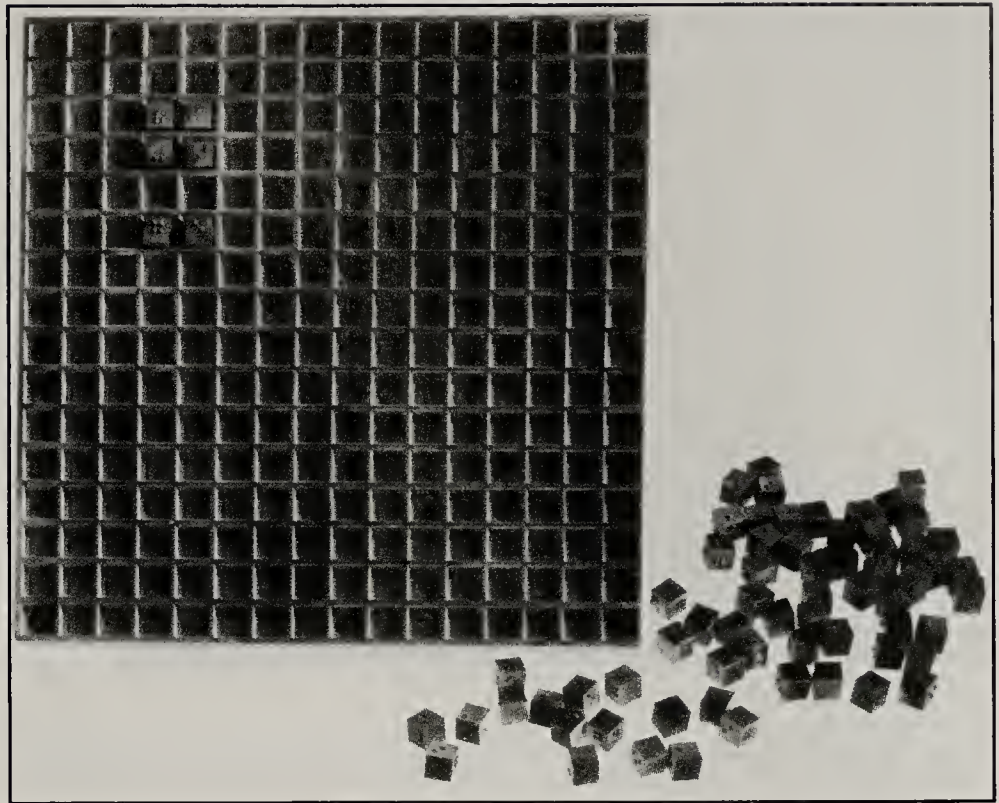
A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille (no print). Each cube represents one digit. Frame and cubes are sold separately.

Recommended ages: 6 years and older.

Cubarithm Slate 1-00320-00.....\$18.00

Plastic Cubes (Set of 100)

1-00330-00.....\$16.00



Math Drill Cards in Braille and Large Type

Handy math skill reinforcing cards. Sold as five separate sets.

The cards in the Number and Math Sign set have a math sign or number sign in braille on one side and in large type and braille on the other side. Large type/braille math operations cards have a math fact on one side and the fact with the answer on the other side. Braille on cards is Nemeth Braille Code for Mathematics.

Cards measure 3 1/2 x 2 inches. On low-glare paper with black printing and an orientation corner cut.

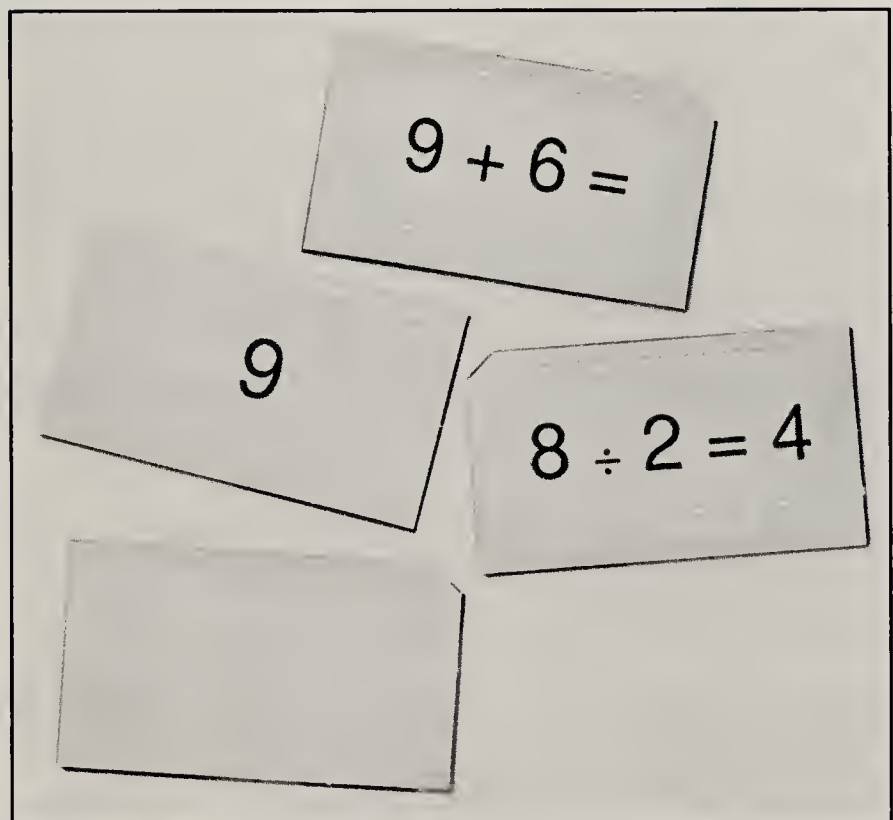
Recommended ages: 5 to 10 years.

Number & Math Sign Cards:

1-03551-00.....\$5.00

Addition Cards: 1-03552-00.....\$5.00

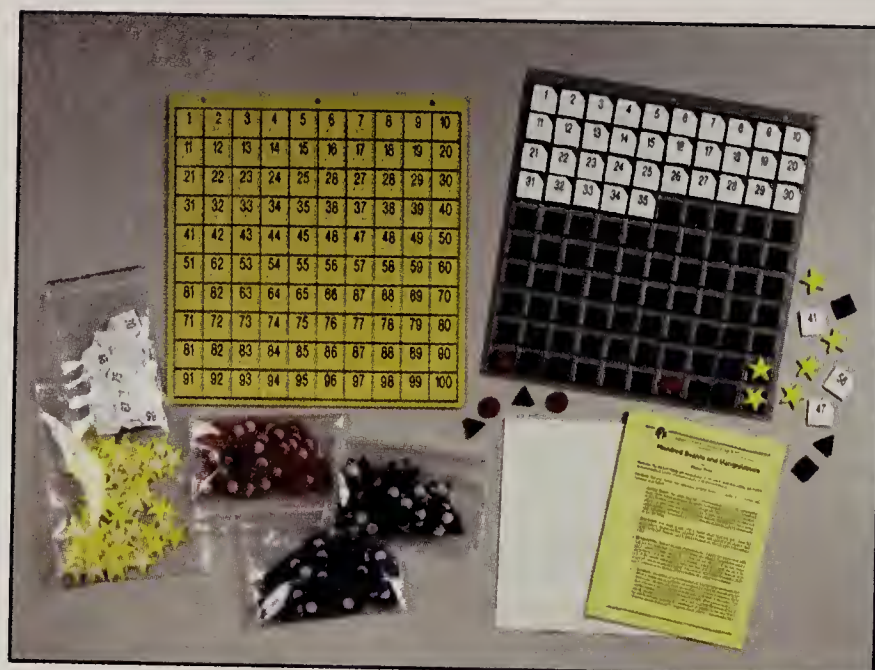
Subtraction Cards: 1-03553-00.....\$5.00



Multiplication Cards: 1-03554-00.....\$5.00

Division Cards: 1-03555-00.....\$5.00

***Note:** Some assembly required. Storage box not included. These cards can be used with APH's Card Chart.*



Hundreds Boards and Manipulatives

These two boards and included manipulative items can be used to help teach basic math concepts. Includes two desk-sized boards made of heavy-duty plastic.

The Grid Board has a raised-line, 10 x 10 grid outlined in black. Grid is blank and manipulatives can be attached to it.

The Number Board also has a raised-line 10 x 10 grid outlined in black. This grid is preprinted with the numbers 1 through 100 in large type and in Nemeth Braille. This board

acts as a reference to check work placed on the Grid Board and can be used for concept demonstration.

Included are hundreds of manipulative pieces made of tough plastic and backed with loop material for attaching to the Grid Board. There are two kinds of manipulatives, numbers (1 through 100) and four colored shapes.

Uses include:

- Patterning • Counting • Ordering numbers • Comparing numbers • Addition, subtraction, and multiplication • Graphing data • Using cardinal directions

Recommended ages: 5 to 10 years.

Hundreds Boards and Manipulatives: 1-03105-00.....\$103.00

Note: Some assembly required.

Numbers only: 1-03105-01.....\$12.00



Quick Pick: Math

Math game consisting of a plastic packet containing fifty large print/braille cards. The front and back of each card contains a math question and four possible answers. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out, and the student should try again.

Recommended ages: 5 years and up.

Quick Pick Math:

Addition: 1-03570-00.....\$24.00 • Subtraction: 1-03571-00.....\$24.00

Multiplication: 1-03572-00.....\$24.00 • Division: 1-03573-00.....\$24.00

Ordering & Info: www.aph.org or 1-800-223-1839

Beginner's Abacus

A counting frame for reinforcing beginning mathematical concepts such as one-to-one correspondence, counting, place value, addition and subtraction. Introduces basic abacus terms such as "set" and "clear."

Consists of a black rectangular frame with 2 rods. Rods have 9 large white beads that slide against a dark felt backing.

Print guidebook included. Braille guidebook available separately.

Recommended ages: between 5 and 7 years.

Beginners Abacus (includes print guidebook):

1-03180-00.....\$24.00

Beginner's Abacus Guidebook, Print Edition:

7-03180-00.....\$12.00

Beginner's Abacus Guidebook, Braille Edition:

5-03180-00.....\$7.00



Cranmer Abacus

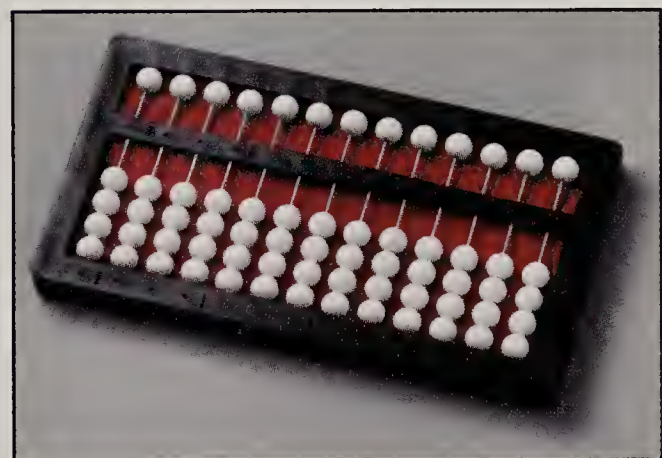
13-rod abacus. Frame measures 6 1/8 x 3 1/4 inches. White beads have a diameter of 3/8 inch. Dark felt backing prevents beads from slipping.

An optional metal coupler is available for linking two abacuses together.

Recommended ages: 5 years and older.

Cranmer Abacus: 1-03150-00.....\$18.00

Coupler for Cranmer Abacus 1-03160-00.....\$5.50

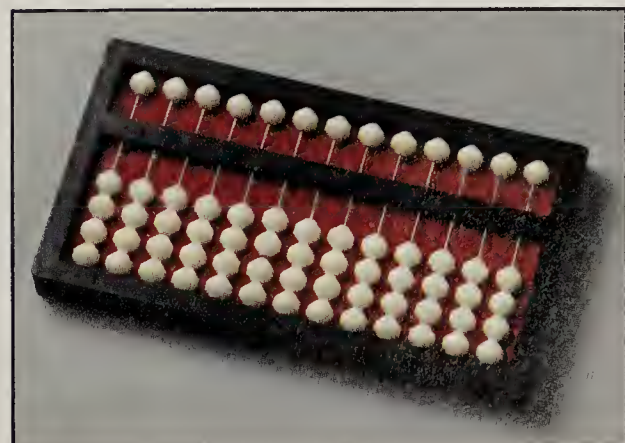


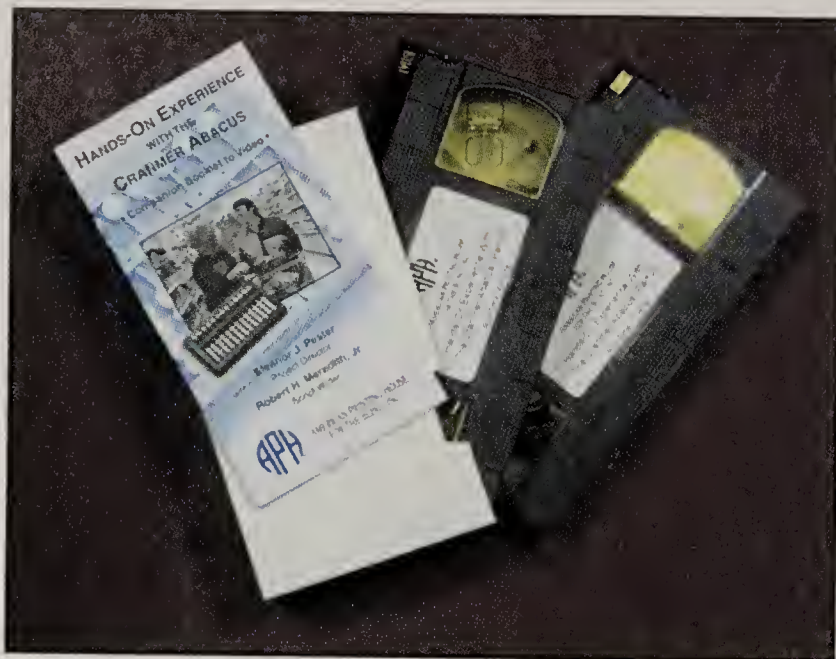
Large Abacus

Young students and those without fine motor skills can benefit from this large 13-rod abacus. Frame measures 8 1/4 x 4 1/2 inches and the bead diameter is 1/2 inch. White beads slide against a dark felt backing.

Recommended ages: 5 years and older.

1-03170-00.....\$22.50



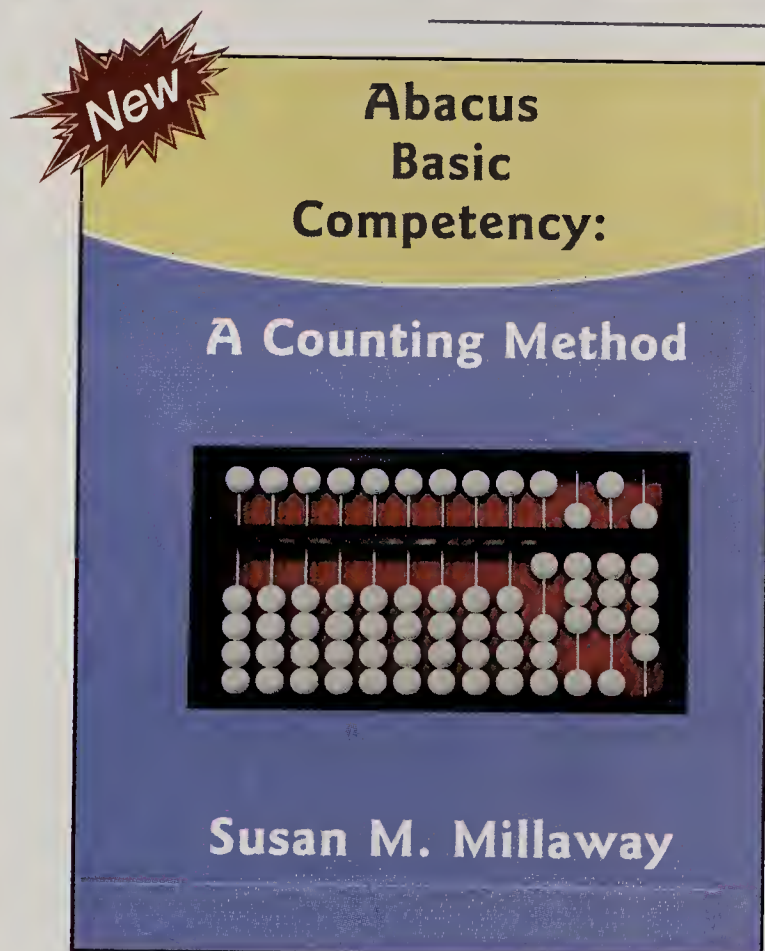


Hands-On Experience with the Cranmer Abacus

This video program and accompanying booklet are designed to familiarize you with basic uses of the Cranmer Abacus.

The concepts and skills covered include how numbers are represented and how to perform the four basic math functions on the abacus.

1-30004-00.....\$25.00



NEW! *Abacus Basic Competency: A Counting Method*

An instruction manual to teach children and adults abacus skills in the four basic math operations through instruction and exercises.

This abacus instructional system uses the Counting Method instead of the traditional indirect method. Advantages include:

- Simple method comparable to the way young sighted children count and add by counting things one at a time, as in counting on fingers or time lines.
- Minimum number of rules must be learned in order to arrive at an answer to a mathematical problem.
- Speed in using the abacus is not lessened with this method. Accuracy is increased, frustration is eliminated.

Abacus Basic Competency:

Large Print Edition: 7-00219-00.....\$TBD

Braille Edition: 5-00219-00.....\$TBD

Other Abacus Books

The Abacus Made Easy:

Braille Ed.: 5-00220-00.....\$52.00

Large Type Ed.: 4-00100-00.....\$18.00

Using the Cranmer Abacus for the Blind:

Braille Edition: 6-50100-00.....\$45.00

Large Type Ed.: 4-27110-00.....\$21.00

1-Foot Braille Rulers

Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included (also available separately). Recommended ages: 5 years and above. Two versions are offered:

English Measurement Ruler: Has raised lines. Braille numbers at each inch. Fourths on one edge, eighths on the other.

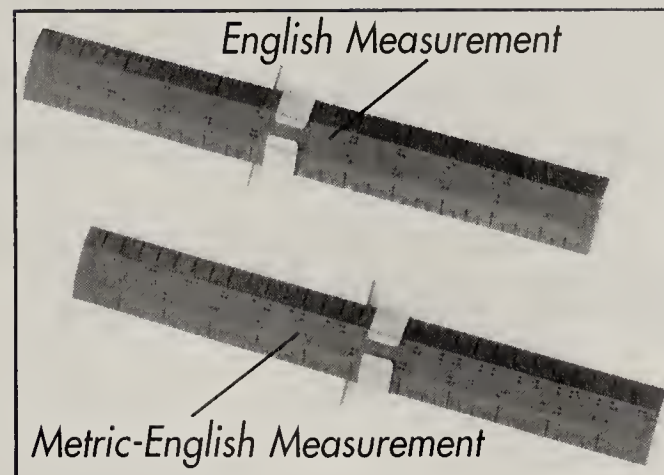
English Ruler: 1-03070-00.....\$5.00

Metric-English Measurement Ruler: Metric edge has raised lines every half-centimeter and braille numbers every two centimeters. Opposite English edge has raised lines every

1/4 inch and braille numbers at each inch.

Metric-English Ruler: 1-03100-00.....\$6.00

Caliper Slide for Either Ruler (package of five): 1-03091-00.....\$12.00



Flexible Rulers (Braille/Large Type)

These flexible rulers allow tactual and visual measurement of flat or curved surfaces. Recommended ages: 5 years and older. Two are offered:

18-Inch Flexible Ruler: Package of five.
1-03050-00.....\$10.00

30-Centimeter Flexible Ruler: Package of five. 1-03031-00.....\$8.50



APH Glue-Down Rule (Raised-Line)

Brass rule, one foot long x 1/2 inch wide, that you can bond to sewing machines, band saws, drawing boards, etc. Raised lines indicate divisions to 1/8 inch.

Recommended ages: 8 years and older. Package of five.

1-03081-00.....\$22.00

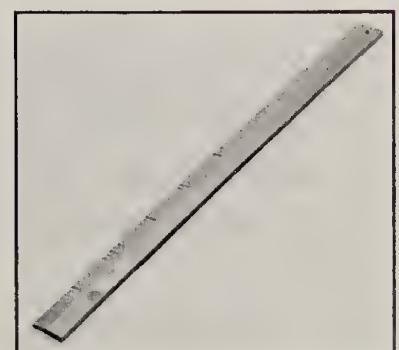


Meterstick (Braille)

Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters.

Recommended ages: 5 years and older.

1-03000-00.....\$11.50



Core Curriculum: Science and Health



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Sense of Science: Plants

Sense of Science: Plants is the first module of a planned science series for visually impaired students in grades K-3, and for other students who may benefit from a multisensory approach to learning.

Includes:

- A large print guidebook (braille edition available separately) with activities to teach basic plant



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concepts. Activities use real objects and the included colorful, raised-line overlays.

- Overlays include bean seed cross-section, flower, leaf, tree, etc. Use with either the APH Light Box or Mini-Lite Box, or stand alone.
- Two accompanying trays designed to fit under a light box ledge and provide a secure working area for the overlays.

Recommended ages: 5 to 10 years.

Sense of Science: Plants (complete kit): 1-08980-00.....\$110.00

Print Guidebook only: 7-08980-00.....\$30.00

Braille Guidebook only: 5-08980-00.....\$20.00

Related Products

Light Box: 1-08660-00.....\$366.00

Mini-Lite Box: 1-08661-00.....\$160.00

Brain Quest

APH has published four large type/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers*.

Included with all *Brain Quest* titles is APH's Score Card Set that consists of two reusable, brightly colored, tactile and audible plastic scorekeeping devices (also available separately).

Recommended ages: 9 years and up.

***Brain Quest: American History* (with Score Cards):**

Large Type/Braille Edition: 6-17001-00.....\$55.00

***Brain Quest: English* (with Score Cards):**

Large Type/Braille Edition: 6-17002-00.....\$55.00

***Brain Quest: Geography* (with Score Cards):**

Large Type/Braille Edition: 6-17003-00.....\$55.00

***Brain Quest: Science* (with Score Cards):**

Large Type/Braille Edition: 6-17000-00.....\$55.00

Score Card Set only: 1-17001-00.....\$9.00





"Mercury column" slides up and down to demonstrate temperature reading.

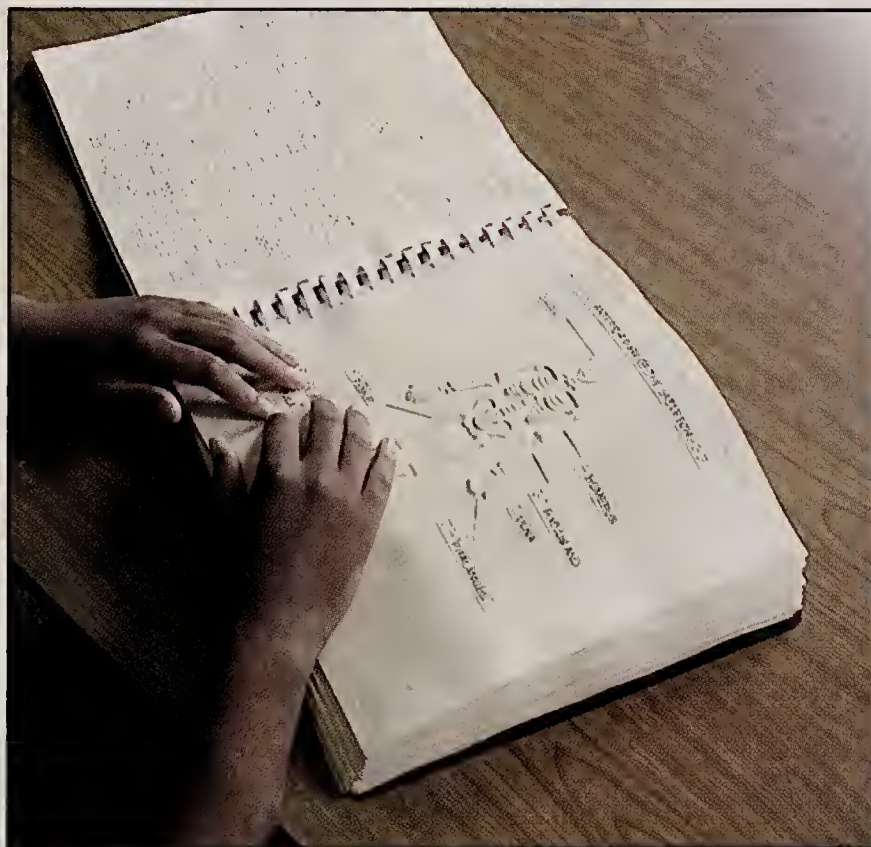
Tactile Demonstration Thermometer

Allows students to independently read, set, and compare temperatures.

- A two-textured, two-colored adjustable "mercury column" with an easy-grip tactile indicator
- Comparable Fahrenheit and Celsius scales presented in both large print and braille
- Tactile degree markings every 5 and 10 degrees

Recommended ages: Basic thermometer activities can begin at age 6 years.

Tactile Demonstration Thermometer:
1-03020-00.....\$30.00



Basic Tactile Anatomy Atlas

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the body. Includes the skeletal, muscular, nervous, and endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.

Each tactual diagram has braille and print labels accompanied by a brief braille description. A print version of each brailled text is contained in the included Instructional Text.

Recommended Ages: 12 and up.

Basic Tactile Anatomy Atlas:
1-08845-00.....\$114.00

Replacement Instructional Text (regular print): 7-08845-00.....\$30.00

Core Curriculum:

Social Studies: History, Geography, and Economics



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U.S. Puzzle Map

This take-apart political / topographical map of the United States has many features to help make learning fun for all students:

- U.S. states puzzle pieces in bright, contrasting colors.
- Tactile mountains, rivers, and state capitals.
- Lightweight frame with incised state boundaries and state abbreviations in braille, plus latitude/longitude lines. Frame also has finger holes for easy removal of pieces. Frame measures 32 1/2 x 18 inches.

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- Masking overlays for assessment purposes.
- Large print and braille reference guides included.

Recommended ages: 7 years and up.

U.S. Puzzle Map (with one large print and one braille guide): 1-01140-00.....\$250.00

Replacement Reference Guides:

Large Print: 7-01140-00.....\$19.00

Braille: 5-01140-00.....\$19.00



The Globe: Tactile and Visual

This table model is a standard 12-inch political globe covered with a tactile clear plastic overlay. Among the overlay's features are continent outlines, higher and lower elevations, and raised latitude and longitude lines. Metal stand with a wood base.

Recommended ages: 10 years and older.

1-01551-00.....\$53.00

Relief Map for Desk Use

Relief map of the continental U.S. with elevations that are exaggerated 20 times. Ocean floors are incised with latitude and longitude lines. This plastic map uses high-contrast paint to depict water areas as blue and land surfaces as yellow and brown. Measures 21 1/4 x 15 1/4 inches.

1-01650-00.....\$25.00



Outline Maps of the United States in Braille and Large Type

These braille and large type maps are consumable, allowing teachers to mark them for specific lessons. We have ten different maps in each medium, all on 17 x 15 inch paper.

Braille maps are embossed on 80 lb. braille paper. Large type maps are printed in black ink on nonglare paper. Buy a set containing one each of 10 maps or choose packages with 10 copies of a single map.

Recommended ages: 6 years and older.

Outline Maps of the United States and Its Regions:

Complete Set (one each of the 10 different maps):

Braille 1-01600-00.....\$7.00

Large Type 1-01890-00.....\$3.50

Forty-Eight Contiguous States (10 copies):

Braille 1-01601-00.....\$3.50

Large Type 1-01891-00.....\$3.50

Northeast U.S. (10):

Braille 1-01602-00.....\$3.50

Large Type 1-01892-00.....\$3.50

Southeast U.S. (10):

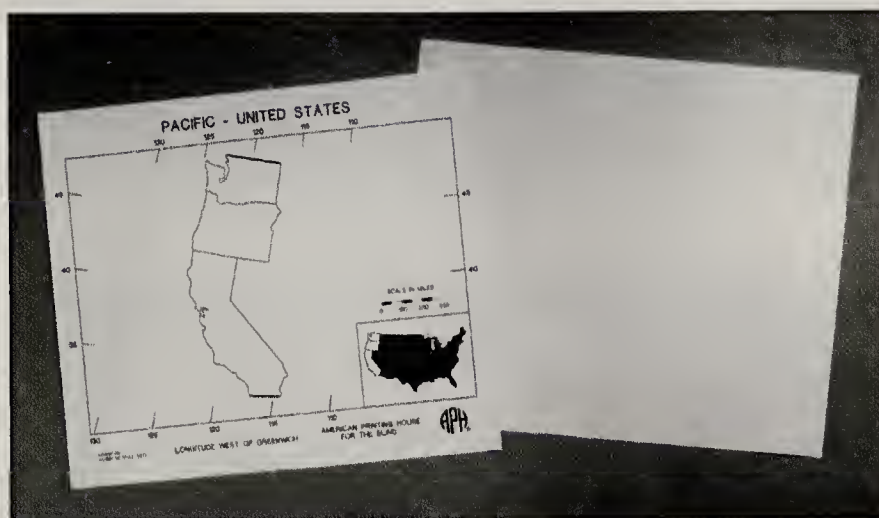
Braille 1-01603-00.....\$3.50

Large Type 1-01893-00.....\$3.50

Midwest U.S. (10):

Braille 1-01604-00.....\$3.50

Large Type 1-01894-00.....\$3.50



Braille and large type U.S. maps are the same scale in relation to each other.

Southwest U.S. (10):

Braille 1-01605-00.....\$3.50

Large Type: 1-01895-00.....\$3.50

Mountain U.S. (10):

Braille 1-01606-00.....\$3.50

Large Type 1-01896-00.....\$3.50

Pacific U.S. (10):

Braille 1-01607-00.....\$3.50

Large Type 1-01897-00.....\$3.50

Alaska (10):

Braille 1-01608-00.....\$3.50

Large Type 1-01898-00.....\$3.50

Hawaii (10):

Braille 1-01609-00.....\$3.50

Large Type 1-01899-00.....\$3.50

North America and Hawaii (10):

Braille 1-01611-00.....\$3.50

Large Type 1-01901-00.....\$3.50



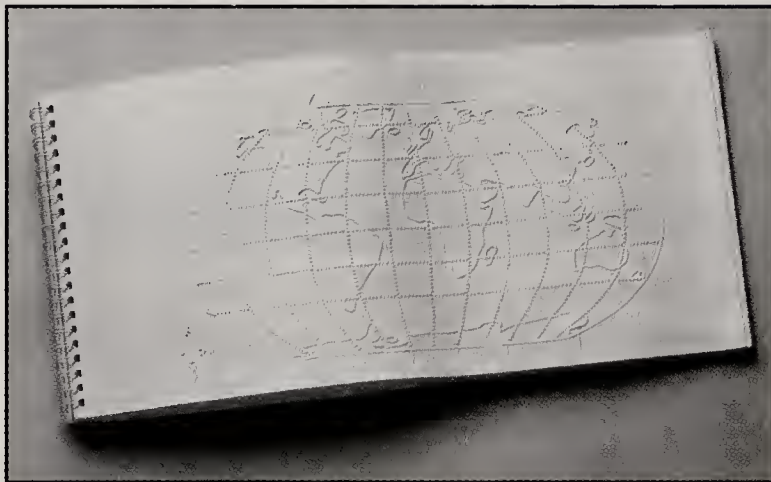
National Geographic® Picture Atlas of Our Fifty States, Braille Edition

Comprehensive braille/tactile atlas has detailed maps and information for each state. Three maps of each state:

- Political map of major cities
- Physical map showing mountains, rivers, etc.
- Road map of interstate and highway routes

Recommended ages: 6 years and up.

5-87431-00.....\$250.00

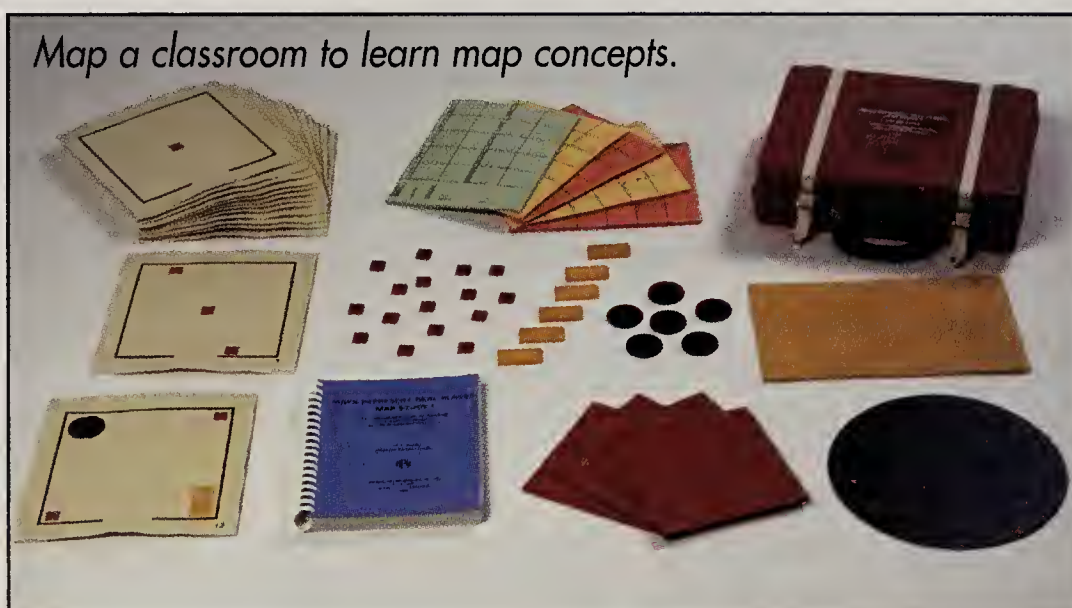


Braille World Atlas

This braille / tactile atlas has 37 maps with descriptions, including the solar system; the seasons; continents; oceans; countries; and the regions and states of the United States.

Recommended ages: 8 years to adult.

5-06000-00.....\$38.00



Map a classroom to learn map concepts.

Maps Represent Real Places: Map Study I

Introduces basic map concepts by having students map a classroom and other known environments. Students learn to find objects and to identify map symbols representing those objects. Includes:

- 80-lesson program in print
- Tactile, high contrast color maps of various room arrangements, and sheets for student mapping

- Large, bright symbols to place on objects in a room, and identical, smaller symbols for maps

Recommended ages: 6 years and older.

Map Study I: 1-01130-00.....\$140.00

Basic Map Reading Concepts: Map Study II

Presents 30 map reading concepts in three areas: location and direction; finding corners; and diagonal, vertical, and horizontal movement.

Includes 13 sequential lesson plans in print and three plastic relief maps with contrasting colors designed to introduce areal, linear, and point symbols.

Recommended ages: 6 years and older.

1-01120-00.....\$80.00



Recognizing Landforms: An Audio-Tutorial Program in Map Study

Program uses fun characters on cassette tape to introduce 40 geographical concepts, such as distinguishing mountains from valleys, channels from bays, etc.

Includes 10 brightly colored tactile landforms; six 2-track, 1 7/8 ips cassette tapes; and teacher's and program manuals in print.

Recommended ages: 6 years and older.

1-01110-00.....\$150.00



Shop APH

U.S. Customers Can Now Order On-line! www.aph.org



Brain Quest

APH has published four large type/braille editions of the popular Workman Publishing quiz game series *Brain Quest*®: *1000 Questions and Answers*.

Included with all *Brain Quest* titles is APH's Score Card Set that consists of two reusable, brightly colored, tactile and audible plastic scorekeeping devices (also available separately).

Recommended ages: 9 years and up.

***Brain Quest: American History* (with Score Cards):**
Large Type/Braille Edition: 6-17001-00.....\$55.00

***Brain Quest: English* (with Score Cards):**
Large Type/Braille Edition: 6-17002-00.....\$55.00

***Brain Quest: Geography* (with Score Cards):**
Large Type/Braille Edition: 6-17003-00.....\$55.00

***Brain Quest: Science* (with Score Cards):**
Large Type/Braille Edition: 6-17000-00.....\$55.00

Score Card Set only: 1-17001-00.....\$9.00

Three Different APH Catalogs Are Available!

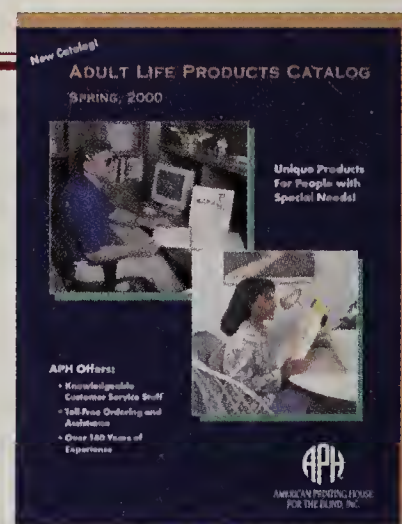
- ***APH Products Catalog, 2002-03*** - our complete line of products
- ***APH Catalog of Accessible Books, 2000-01***
plus the ***Supplement, Spring 2001*** (contains mostly textbooks)
- ***APH Adult Life Products Catalog, Spring 2000***
- products for everyday living

Each catalog is available in print and one or more accessible media.

**Call toll free 1-800-223-1839
to request the catalog that best meets your needs.**

Also, check our Web site for product information—
and now U.S. customers can order on-line!

www.aph.org



Core Curriculum: Fine Arts



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<i>Art of Ancient Egypt</i>	50
<i>African Art</i>	50
<i>European Modernism, 1900-1940</i>	50

Art History Through Touch & Sound Series

This multisensory system uses sight, sound, and touch to convey the richness of the world of art to people who are visually impaired. Now available: • *The Building Blocks of Art* • *The Art of Ancient Egypt* • *European Modernism: 1900-1940* • *African Art*. From Art Education for the Blind and APH.

Features:

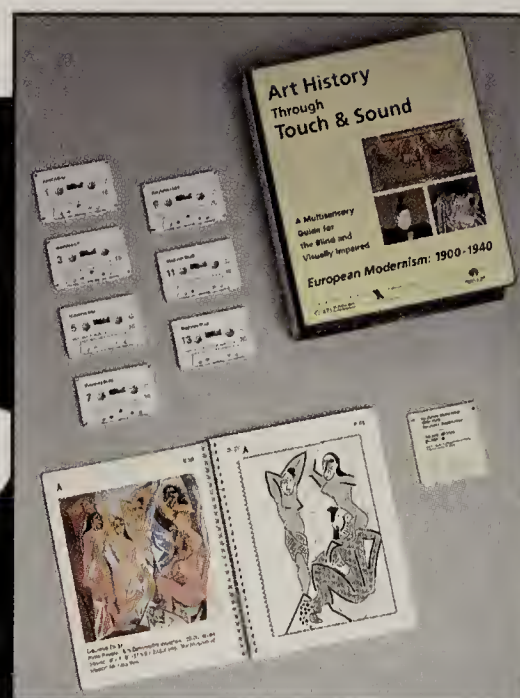
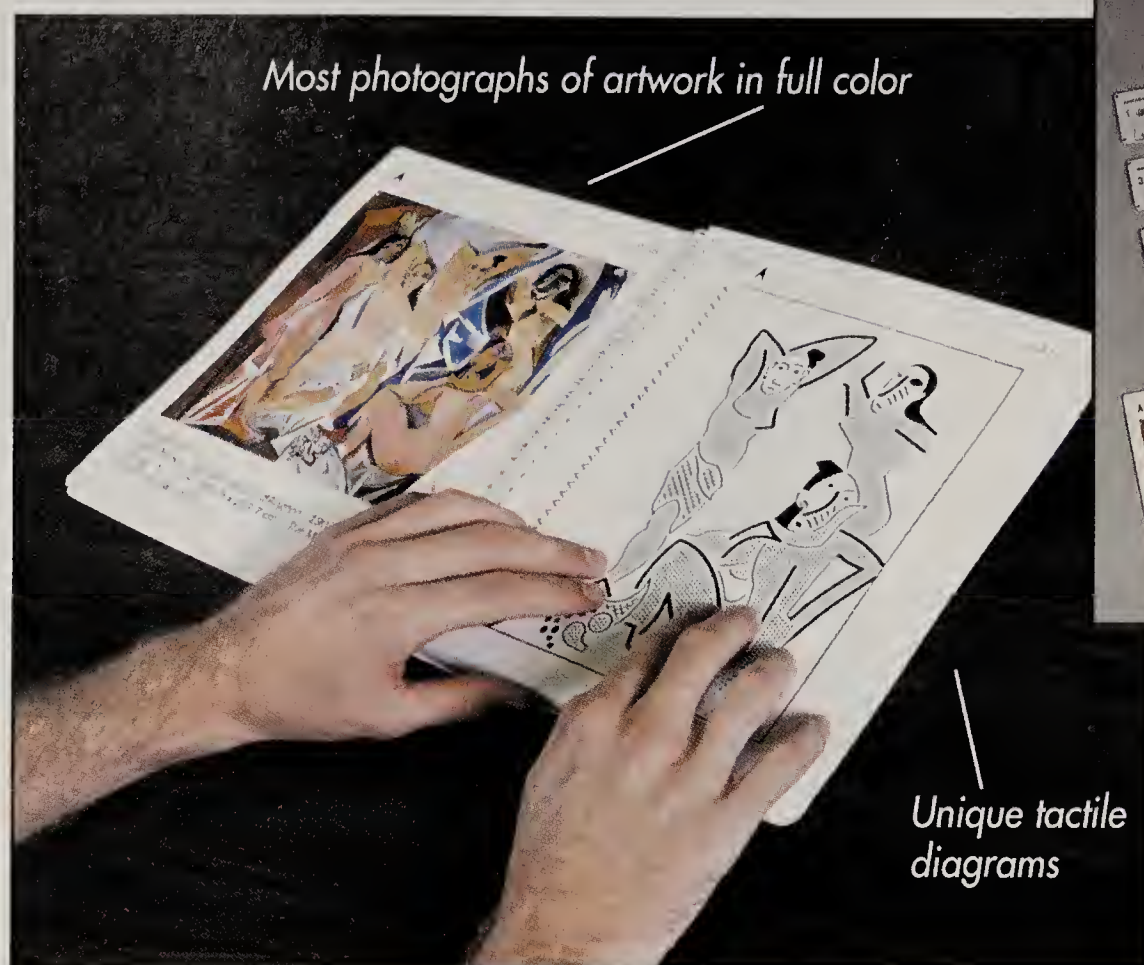
- Diagram Manual with printed images of artworks and corresponding tactile representations.
- Cassette tapes that guide you through the tactile diagrams.
- An accessible Teacher's Supplement on a PC-formatted floppy disk. Includes such items as: text of the audio narrative, art appreciation activities, and incorporating art into core curricula.

In the Complete Kit, the Teacher's Supplement is provided on floppy disk only. A Braille Teacher's Supplement is available separately.

Recommended ages: For all ages 8 years and up. Portions of *Building Blocks* can be used with students 8 years and up. Teacher-guided study: 8 to 14 years. Independent study: 15 years to adult.

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This series, developed by Art Education for the Blind, is a multisensory learning system for people who are blind or visually impaired.

Art History Through Touch & Sound:

The Building Blocks of Art

Complete Kit: 1-09003-00.....\$99.00

Additional Diagram Manual: 7-09003-00.....\$75.00

Replacement Teacher's Supplement Disk: D-09003-00.....\$5.00

Optional Braille Teacher's Supplement: 5-09003-00.....\$49.00

The Art of Ancient Egypt

Complete Kit: 1-09002-00.....\$99.00

Additional Diagram Manual: 7-09002-00.....\$75.00

Replacement Teacher's Supplement Disk: D-09002-00.....\$5.00

Optional Braille Teacher's Supplement: 5-09002-00.....\$49.00

New

African Art

Complete Kit: 1-09004-00.....\$99.00

Additional Diagram Manual: 7-09004-00.....\$75.00

Replacement Teacher's Supplement Disk: D-09004-00.....\$5.00

Optional Braille Teacher's Supplement: 5-09004-00.....\$49.00

European Modernism: 1900-1940

Complete Kit: 1-09001-00.....\$99.00

Additional Diagram Manual: 7-09001-00.....\$75.00

Replacement Teacher's Supplement Disk: D-09001-00.....\$5.00

Optional Braille Teacher's Supplement: 5-09001-00.....\$49.00

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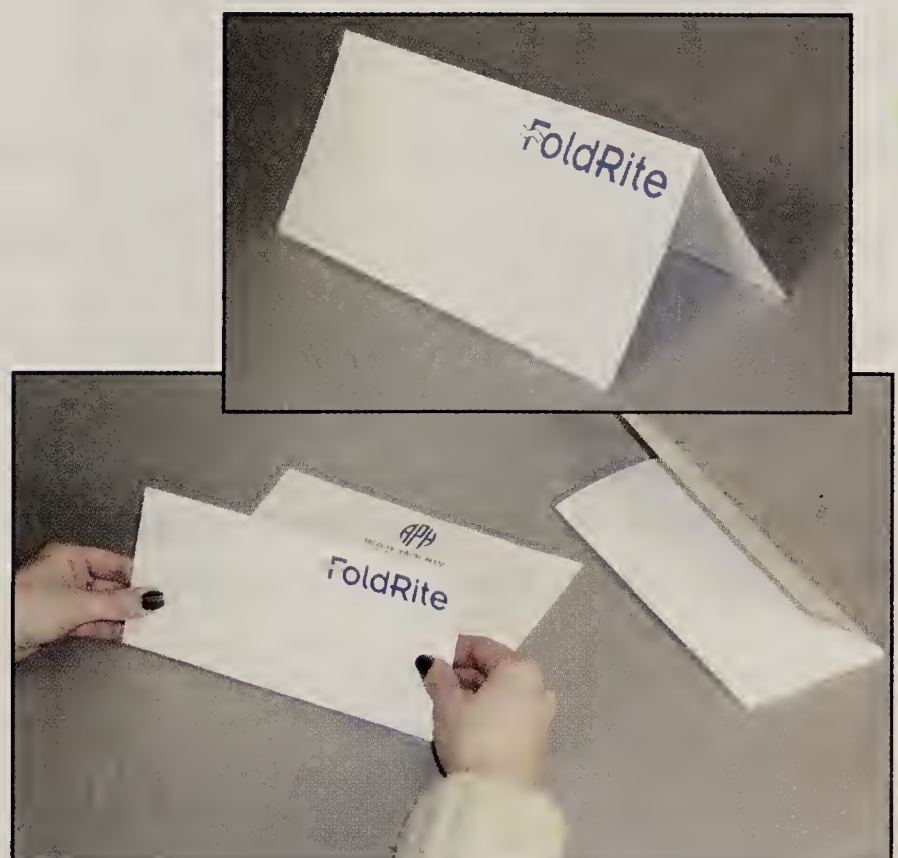
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FoldRite: Letter Folding Tool

Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

1-08009-00.....\$5.00





Prevocational Skills Development Materials

Designed for multihandicapped students, this kit and other materials suggested in the guidebook helps develop manipulative skills, such as matching, sorting, counting, assembling, and packaging.

Contains five sets of materials (also available separately):

- **Paper-Folding Jig:** For tri-folding 8 1/2 x 11 inch paper
- **Round and Square Containers with Screw Tops:** 10 plastic bottles and two seated boards
- **Sorting and Assembly Tray:** with adjustable dividers for sorting two to 12 different items
- **Bolt, Nut, and Washer Board:** with eight bolt, nut, and washer sets of graduating size
- **Bolt Practice Boards:** four boards mounted with bolts and nuts of various sizes
- **Prevocational Skills Development:** print guidebook

Recommended ages: 10 years and older.

Prevoc. Complete Kit: 1-08000-00.....\$411.00

Items Available Separately:

Paper-Folding Jig: 1-08010-00.....\$29.50

Round & Square Containers with Screw Tops: 1-08020-00.....\$141.00

Sorting & Assembly Tray: 1-08030-00.....\$98.00

Bolt, Nut, and Washer Board: 1-08040-00.....\$52.50

Bolt Practice Boards: 1-08050-00.....\$75.00

Prevocational Skills Development (guidebook): 8-01300-00.....\$17.00

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Portable Sound Source III

Produces an audio tone that provides directional cues for orientation and mobility, sound localization training, or for playground games.

- Rate of tone: 36 to 360 pulses per minute
- Pitch: 600 hertz to 1200 hertz
- Large speaker
- Power: four D-cells (included)
- Measures 8 x 9 x 3 1/2 inches
- Weighs approximately 6 pounds
- Print instructions

Recommended ages: all ages.

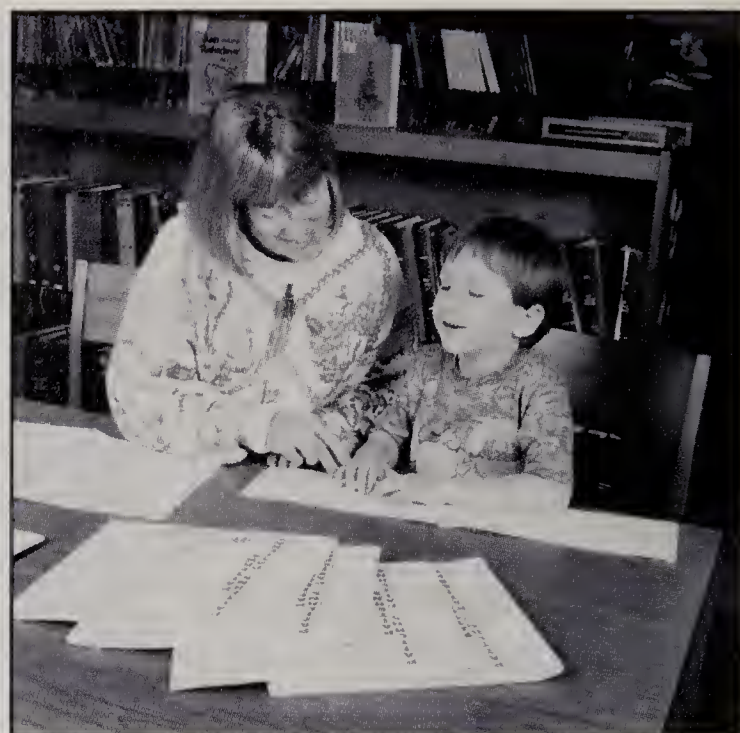
Portable Sound Source III:
1-03040-01.....\$225.00

Sound Localization Manual only:
8-16080-00.....\$15.00



Creates beeping tones for teaching sound location skills or for marking locations in playground games.

Expanded Core Curriculum: Communication Modes and Literacy Education



Communication Modes

Communication needs will vary, depending on the degree of functional vision, the effects of additional disabilities, and the task to be done. Children may communicate through braille, large print, print with the use of optical devices, regular print, tactile symbols, a calendar system, sign language, recorded materials, or combinations of these means.

This section includes products that allow students to access the existing core curriculum.

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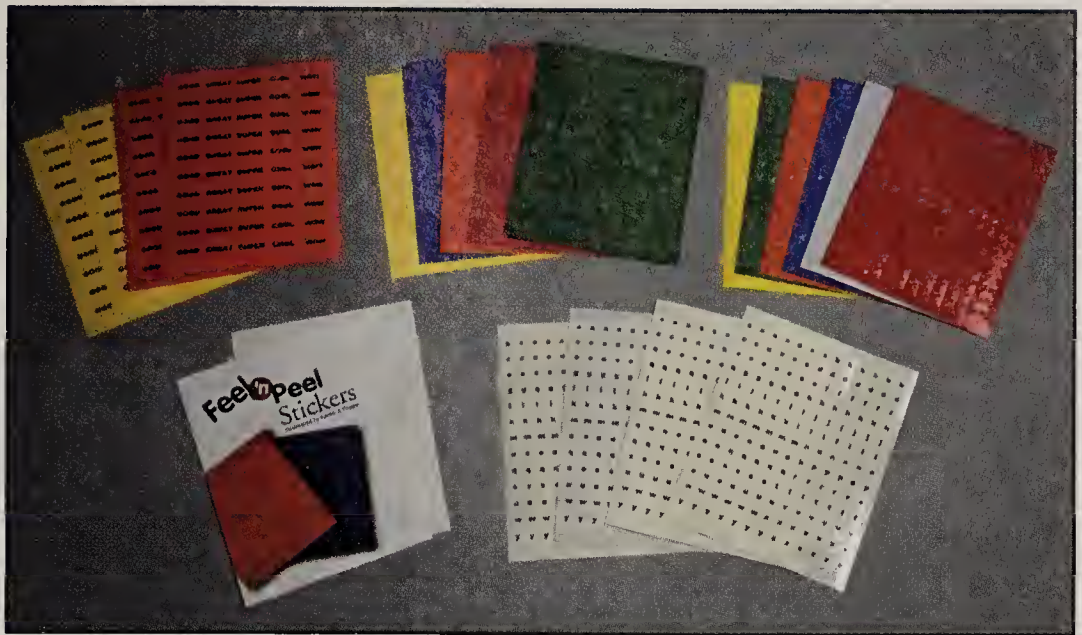
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Feel 'n Peel Stickers

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic. Examples of use:

- Point Symbols: graphs, game boards, microwave buttons
- Reward Statements: grading papers, rewarding behavior
- Faces: attendance, reading list progress
- Alphabet: labeling folders, identifying belongings, diagrams.



Suggested uses for the stickers provided on a large print/braille sheet.

Recommended ages: 3 years and up.

Assorted Stickers Kit (over 2,300 stickers):

1-08843-00.....\$46.00

Point Symbol Sticker Kit (over 1,200 stickers):

1-08846-00.....\$12.50

Smiley/Frowny Face Sticker Kit (over 200 stickers): 1-08847-00.....\$12.50

Reward Statements Sticker Kit (200 stickers):

1-08848-00.....\$12.50

Braille / Print Alphabet Letters Sticker Kit (over 600 stickers): 1-08849-00.....\$12.50



Smiley / Frowny Face Stickers



Try Before You Buy!

Ask for APH's free software demo disk

1-800-223-1839

Or download demos from www.aph.org/tech



Crafty Graphics: Stencil Embossing Kit

Kit contains stencils, embossing tools, and other items needed to create tactile graphics by dry pressure embossing. You supply your own light source to place underneath sheets to be embossed (for example, APH's Mini-Lite Box or natural light).

Mini-Lite Box sold separately.

The types of graphics you can create are almost infinite, including graphs, clock faces, cards, flash cards, street maps, flowcharts, etc.

Kit Includes:

- Nine Brass Stencils, such as Block Letters, Geometric, and Bold Plaid Stripe
- Eight Unique Stenciling Tools, such as Stylus with Medium and Large Tips, Serrated Tracing Wheel, and Standard Braille Signage Stencil
- Twenty Whole Objects Stencils: such as Apple, Teddy Bear, Heart, etc.
- Stenciling Accessories Pack, with items such as Soft Wire Screen, Foam Pads, Clear Vinyl Sheet
- Bold Line Graph Paper, 8 1/2 x 11, 1/4 inch grid
- Wooden Braille Eraser
- Guidebook with instructions, tips, and techniques for creating good embossed graphics. Guidebook included in large print and on PC-formatted floppy disk. Optional Braille Guidebook available.
- Carrying case

Crafty Graphics Kit: 1-08844-00.....\$118.00

Replacement Guidebooks:

Large Print Edition: 7-08844-00.....\$20.00

Floppy Disk Edition: D-08844-00.....\$5.00

Optional Guidebook:

Braille Edition: 5-08844-00.....\$20.00

Additional Bold Line Graph Paper, 8 1/2 x 11, 1/4 Inch Grid, 1-04062-00.....\$10.00

Optional Items:

Light Box: 1-08660-00.....\$366.00

Mini-Lite Box: 1-08661-00.....\$160.00



IntelliTactiles™ Standard Overlay Companions

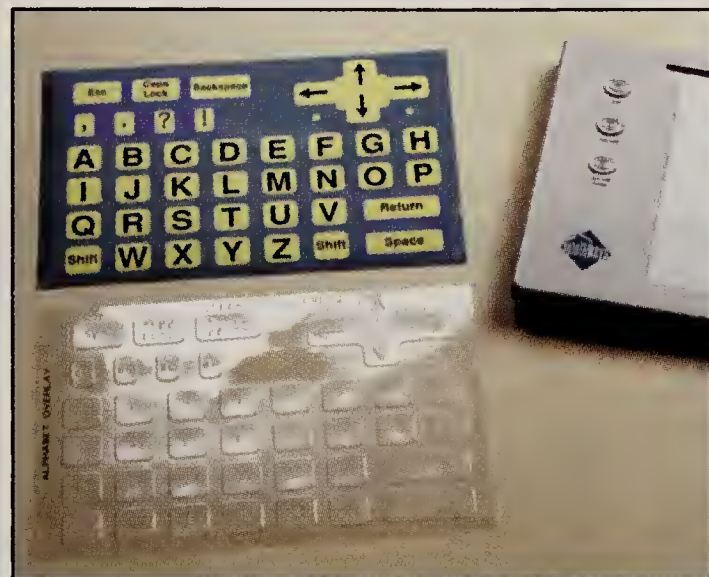
The IntelliKeys® keyboard from IntelliTools® is a touch sensitive board that connects to either a PC or Mac®. The board provides auditory feedback related to overlays placed on its touch-sensitive surface.*



IntelliTactiles™ Standard Overlay Companions, developed by the American Printing House for the Blind, make the IntelliTools Standard Overlays accessible to braille readers. These durable clear-plastic tactile overlays slip under the ledges of the IntelliKeys keyboard on top of the visual overlays. The tactile overlays feature braille markings and special tactile point symbols.

The tactile overlays align with the following IntelliTools visual overlays:

- Alphabet Overlay
- Basic Writing Overlay
- Numbers Overlay
- Arrows Overlay
- Apple® QWERTY Overlay
- IBM® QWERTY Overlay
- Setup Overlay



The Alphabet Overlay is one of seven clear-plastic tactile overlays that fit on top of the IntelliTools Standard Overlays (visual overlays and board not included).

User's Guides in large print and braille are included with the Standard Overlay Companions.

IntelliTactiles: Standard Overlay Companions Kit: APH Catalog No. 1-08515-00.....\$53.00

User's Guide only, Print Ed.: APH Catalog No. 7-08515-00.....\$10.00

User's Guide only, Braille Ed.: APH Catalog No. 5-08515-00.....\$10.00

***Note:** The IntelliKeys keyboard, related software, and standard visual overlays are available exclusively from IntelliTools: 1-800-899-6687 or www.intellitools.com.



Quick-Draw™ Paper

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities.

Simply draw on paper surface with a water-based marker and the lines will swell instantly and become tactile. Lets children, students, and adults be the creators of their own tactile pictures with immediate feedback.

Includes 10 sheets of 8 1/2 x 11 inch Quick-Draw Paper, instructions in large print and braille, and two water-based markers.

Recommended ages: 4 years and up.

1-04960-00.....\$21.50



Word Associations Print / Braille Labels

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words.

For example, the large print/braille label "chair" can be placed on a chair to associate the word with the object. Includes 91 labels and a manual in either large print or braille.

Recommended ages: 3 years and up.

Kit with Print Manual: 8-39050-00.....\$39.00

Kit with Braille Manual:
6-39050-00.....\$39.00

Available separately:

Labels only: 6-39052-00.....\$22.00

Print Manual only: 8-39051-00.....\$17.00

Braille Manual only: 6-39051-00.....\$17.00



Individual Calendar Kit

Students can experience the fun and challenge of creating their own calendars. Calendars are inexpensive and consumable. Includes:

- Twelve brightly colored embossed/bold line grid sheets, one for each month.
- Paper labels showing the month, days of the week, and days of the month. Labels are marked in both large type and braille. Orientation corner cut.

Recommended ages: 4 to 10 years.

1-18971-00.....\$14.00



Classroom Calendar Kit

Large wall calendar for the classroom. Introduce sighted and blind children to such concepts as measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals.

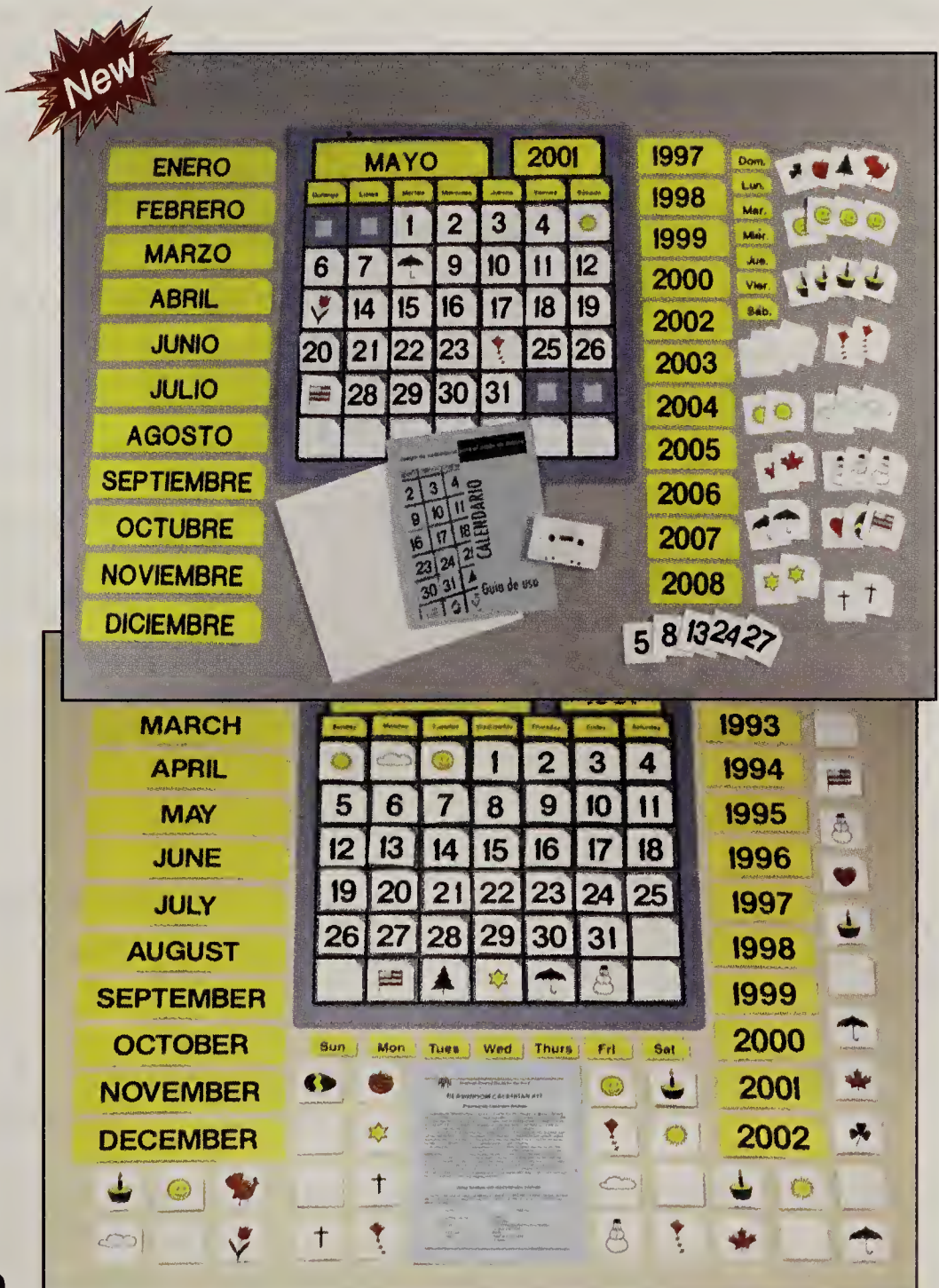
- Blue plastic month grid, with raised grid lines printed in black
- High-contrast, large print/braille labels with an orientation corner cut
- Yellow plastic labels for the year, month, and days of the week and white plastic labels with numerals 1-31
- Brightly colored and embossed holiday and weather symbols
- Instructions in large print and on cassette

Recommended ages: 4 to 10 years.

Classroom Calendar Kit:

English Edition: 1-18970-00.....\$55.00

Spanish Edition: 1-18973-00.....\$55.00





APH InSights Large Type / Braille Art Calendar, 2002

Twelve month large type/braille calendar features the artwork of visually impaired artists. Includes months, days, holidays, and moon phases. Use at a desk or hang on a wall. Pages fold over easily.

Makes a Great Fund-Raiser

Art calendars can be purchased in quantities at a special price for fund-raising projects! Your group's name can be printed and brailled on a special version of the cover. Fund-raising questions and orders should be directed to APH's Contract Administration Office, 1-800-223-1839.

Recommended Ages: 4 years and up.

Single copy, APH InSights Calendar 2002:

English Edition: 5-18971-02.....\$6.50 • Spanish Edition: 5-18973-02.....\$6.50

Note: The APH InSights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fund-raising purposes MAY NOT be purchased with Federal Quota funds.



Talking Typer™ for Windows®

Computer keyboarding and typing training software that speaks and displays lessons on screen. Includes drills, practice, and typing games. Adjustable to the student's level of skill and sight impairment.

Designed for individual students or multiple students in a networked training environment. Includes many features for the teacher, such as creating and editing lessons, setting advancement criteria, and changing lesson complexity.

Recommended ages: 6 years and up.

Requirements to Run

PC running at least Windows 95®, Windows 98, or Windows NT; Internet Explorer® 4.01 or later; 16 megabytes of RAM; 10 megabytes of hard disk space; CD-ROM drive; Sound card with speakers.

Talking Typer™: CD-ROM: D-03430-00.....\$79.00

Electronic Dist.: D-03430-ED.....\$79.00 • Site License: D-03430-SL.....\$400.00

Note: To purchase the site license, you must own one CD-ROM or Electronic Distribution copy of Talking Typer. See detailed software purchasing instructions in the "How to Order" section.
Download APH Software Demos: www.aph.org/tech

Ordering & Info: www.aph.org or 1-800-223-1839

Learn Keys: Verbal Keyboard Feedback

PC keyboard exploration and announcement program gives you human speech feedback.

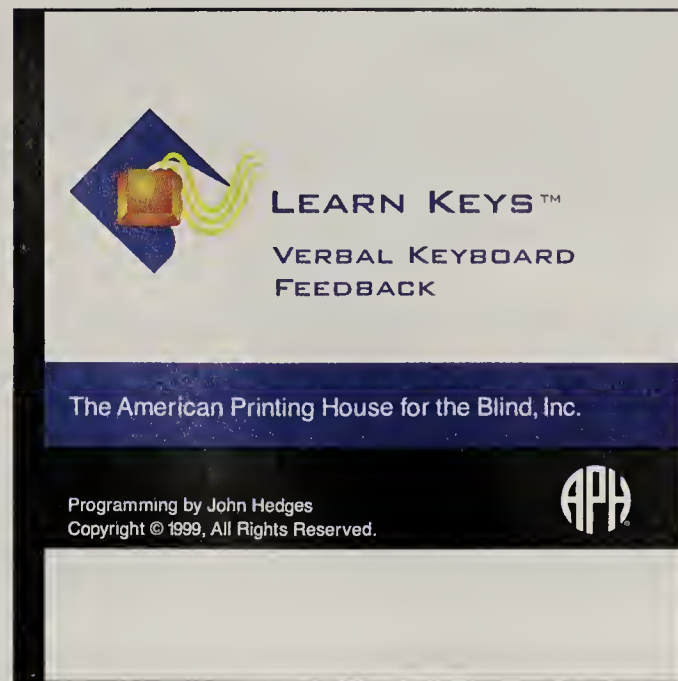
Works with several versions of *Windows*® and with a variety of keyboard types. Uses your computer's sound card and speakers. Can speak any key and display the key name on screen. Can provide keyboard feedback while other programs are running.

Included: Program with on-line Help and documentation on CD-ROM; quickstart in braille and large type.

Requirements to Run

Windows 95 or later. 80486 or higher processor, CD-ROM drive, and sound card with speakers.

Note: *Learn Keys* is not a screen reader – it speaks keystrokes.



Learn Keys:

CD-ROM: D-03410-00.....\$14.95

Electronic Dist.: D-03410-ED.....\$14.95

Site License: D-03410-SL.....\$75.00

Note: To purchase the site license, you must own one CD-ROM or Electronic Distribution copy of *Learn Keys*. See detailed software purchasing instructions in the "How to Order" section. Download APH Software Demos: www.aph.org/tech

Typewriting for Blind Students

Cassette tape instructional program designed to help teach the typewriter keyboard.

Two sets of lessons: one for the classroom and one for students working at their own rate. Cassettes are 4-track, 15/16 inches per second. Recommended ages: 7 years and older.

Teacher Kit: Includes a teacher's manual, five cassettes containing 10 lessons, and nine cassettes containing skill-building for individual work.

1-08880-00.....\$29.00

Student Kit: Includes nine cassettes containing skill-building for individual work.

1-08970-00.....\$15.00



Listen and Think

Develop and improve listening comprehension and thinking skills with the three levels of this tape lesson series.

Listen and Think Auditory Readiness (AR) Level:

Covers basic listening skills such as understanding placement (e.g., up and down), using the senses, comparing, and classifying.

Includes an introductory tape, 15 lesson tapes, 250 Simple Multiple-Choice Answer Sheets (also available separately), a regular print teacher's handbook (also available separately), and eight plastic crayons. Recommended ages: 5 to 7 years.

Listen and Think AR: 1-08510-00.....\$62.00

AR Level Print Teacher's Handbook and Supplement only: 7-70050-00.....\$18.00

Simple Multiple-Choice Answer Sheets only: (pack of 50): 1-03680-00.....\$5.00

Listen and Think Levels B and C:

Advanced levels introduce such concepts as main ideas, summarizing, outlining, and comparing. Each level includes:

- Introductory tape and 15 lesson tapes

- 250 each of braille and large type Multiple-Choice, Multipurpose Answer Sheets
- 50 each of braille and large type Progress Charts (also available separately)
- 48 plastic crayons and 300 marking pins
- Regular print teacher's handbook

Level B: (Recommended ages: 7 to 8 years) 1-03890-00.....\$104.00

Level C: (Recommended ages: 8 to 9 years) 1-03910-00.....\$104.00

Listen and Think, Print Teacher's Handbooks only:

Level B: 7-70060-00.....\$18.00

Level C: 7-70070-00.....\$18.00

Multiple-Choice, Multipurpose Answer Sheets only (50 per package):

Braille: 1-04051-00.....\$5.50

Large Type: 1-04072-00.....\$5.50

Progress Charts only (50 per package):

Braille: 1-04050-00.....\$5.50

Large Type: 1-04073-00.....\$6.50

Listen and Think Cassette Replacements:

AR Level Cassettes (16):

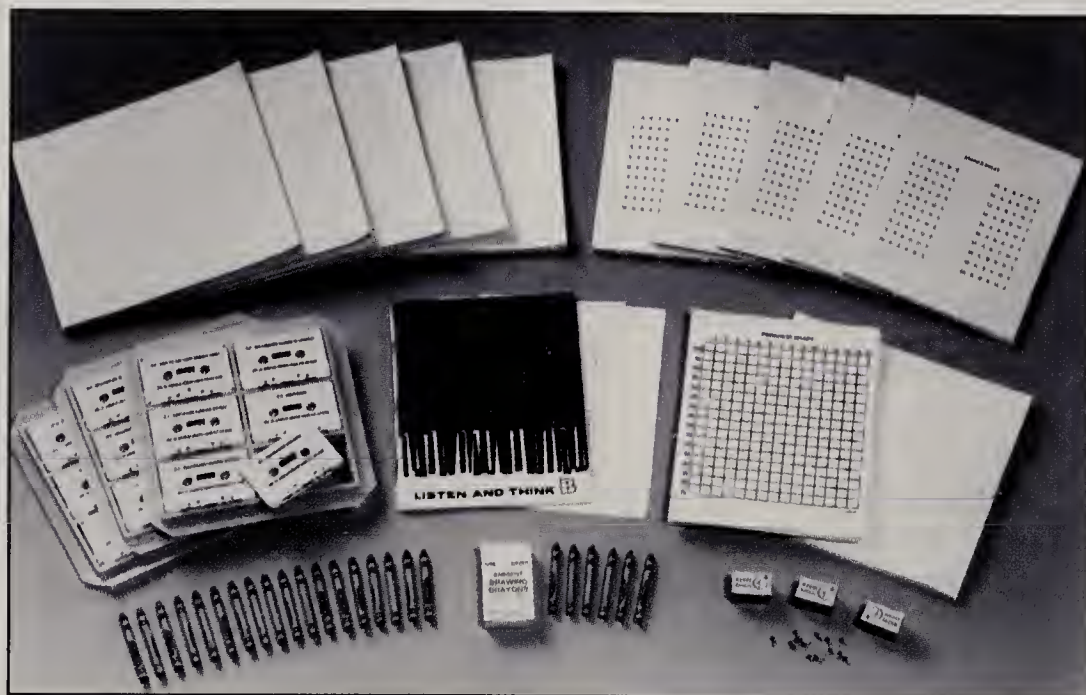
C-99960-00.....\$19.00

Level B Cassettes (16):

C-99890-00.....\$19.00

Level C Cassettes (16):

C-99910-00.....\$19.00



Card Chart Kit

Holds the 3 1/2 x 2 inch braille/print cards sold by APH in a variety of products, such as Expanded Dolch Word Cards.

Chart board measures 19 1/2 x 12 1/4 inches. Has holes for hanging and a corner cut for orientation. Up to five cards can be inserted into each of six slots. Slots are high contrast. Includes 90 blank cards you can mark.

Examples of use:

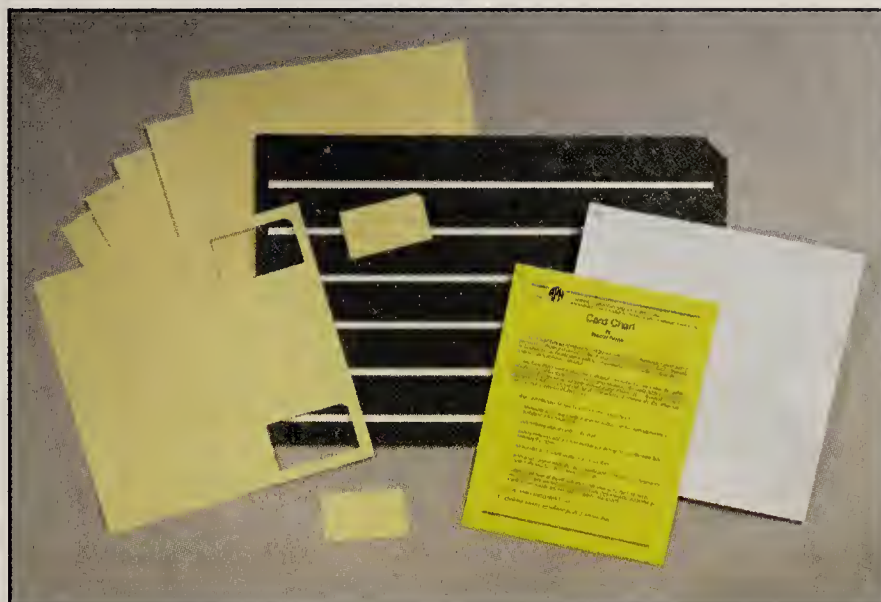
- Alphabetizing
- Removing all words that aren't verbs
- Matching states and capitals
- Finding math cards that equal a certain number

Recommended Ages: All ages.

Card Chart Kit (including blank cards):
1-03550-00.....\$11.50

Additional Blank Cards:
1-03540-00.....\$2.50

Card Sets That Can Be Used with the Card Chart:



Expanded Dolch Word Cards:
1-03560-00.....\$14.00

Grade 2 Braille Cards: 1-03561-00.....\$10.00

Math Drill Cards:

Number & Math Sign Cards:
1-03551-00.....\$5.00

Addition Cards: 1-03552-00.....\$5.00

Subtraction Cards: 1-03553-00.....\$5.00

Multiplication Cards: 1-03554-00.....\$5.00

Division Cards: 1-03555-00.....\$5.00

The GrandStand: Portable Reading Easel

Light-weight and portable reading stand for low vision readers. Waterproof, colorful, durable, and inexpensive. Easy to lift, carry, and lock into position. Folds up when not in use.

Adjustable shelf may be raised and lowered to accommodate the height of the reader. Includes clips for holding book pages open (clips not pictured). Top surface measures 15 x 14 1/2 inches. Weighs only 2 1/3 lbs.

Recommended ages: 5 years and older.

Yellow: 1-03205-00.....\$34.00

Black: 1-03204-00.....\$34.00





Desk Top Reading Stand

Portable desk top stand holds reading material at a proper position for low vision readers. Handsome wooden stand has:

- A book shelf that can be moved to the left or right
- Adjustable page clamps
- Built-in carrying handle

Top surface measures 23 3/4 x 18 inches. Weighs 9 1/8 lbs.

Recommended ages: 8 years and older.

1-03220-00.....\$115.00

Jointed metal arm permits a wide range of adjustment.

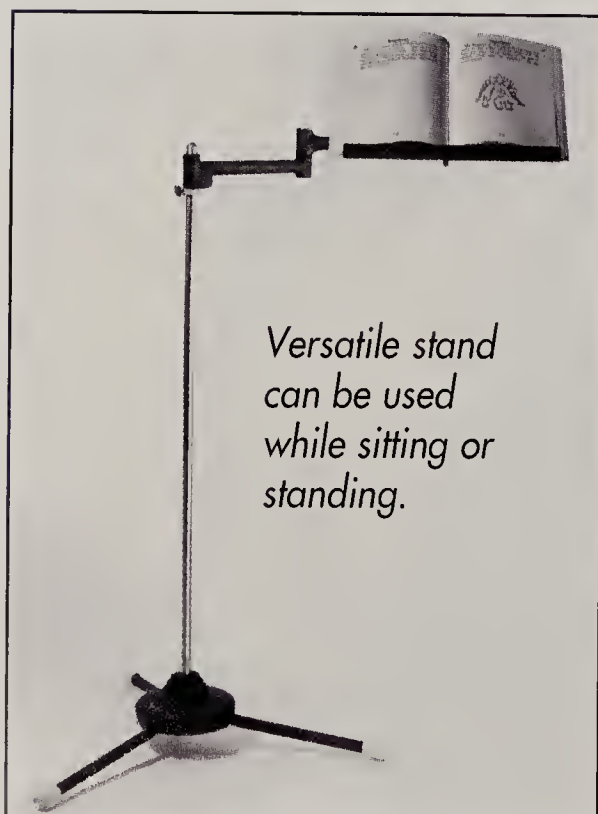


Gore Reading Stand

Fastens to most table top surfaces by means of a clamp. Easily disassembled for compact storage and carrying. Book rack portion of stand measures 16 1/4 x 10 1/2 inches.

Recommended ages: 6 years and older.

1-03210-00.....\$128.00



Shafer Reading Stand

Adjustable, self-supporting stand for large type publications.

Tripod base with a 42 inch shaft. A 4-joint, adjustable swivel arm/book rack attaches to the shaft. Book rack measures 16 x 11 1/2 inches.

Swivel arm can be locked at any height along the shaft. Book rack can be rotated or tilted in many different positions. All-metal construction, except for nonslip rubber feet.

Recommended ages: 6 years and older.

1-03230-00.....\$235.00

Print and Braille Literacy: Selecting Appropriate Learning Media

Contains guidelines and informal evaluation processes to help ensure that each visually impaired student will learn to use the most appropriate reading medium/media.

Braille Edition: 6-01500-00.....\$15.00

Large Type Edition: L-01500-00.....\$14.50

Print Edition: 8-01500-00.....\$5.00

Note: Not available on Quota.



TOOLS for Selecting Appropriate Learning Media

Designed to help parents, teachers, and administrators make decisions concerning students' use of braille, print, or both as their primary reading medium/media. This manual is a more detailed extension of *Print and Braille Literacy: Selecting Appropriate Learning Media*.

Braille Edition: 6-01501-00.....\$52.00

Large Type Edition: L-01501-00.....\$28.75

Print Edition: 8-01501-00.....\$36.00

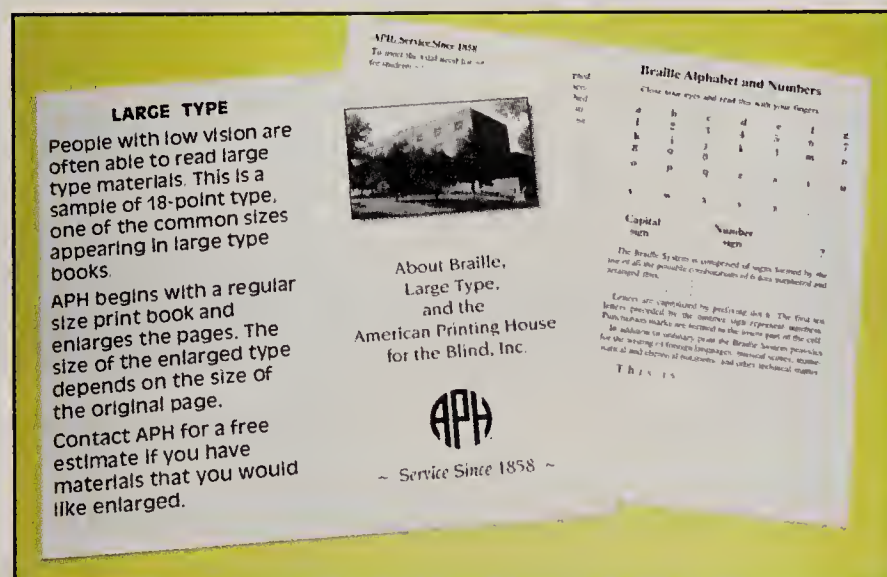


APH Alphabet Card Folder

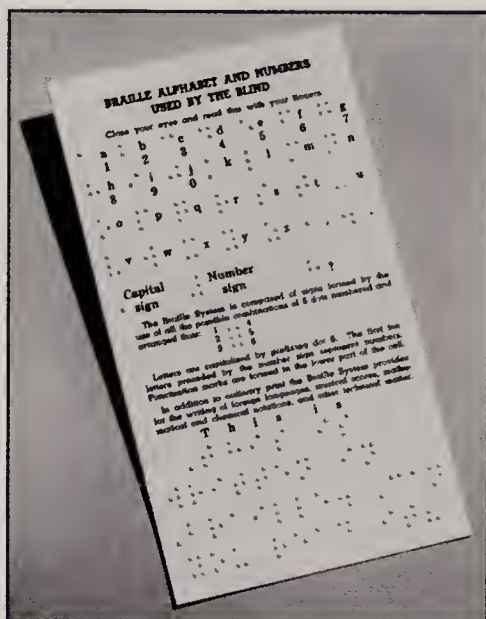
Designed to raise the awareness of braille among print readers, this card displays the braille alphabet, a sample of large type, and provides a brief history of APH. Folds in half vertically. Sold individually. As an educational service, up to five copies are available free on request by phone.

Each card: 1-04000-00.....\$0.13

Note: Not available on Quota.



Communication Modes and Literacy Education continued



Braille Alphabet and Numbers Card

Also intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille and in regular type. A simple sentence in Grade 1 Braille is included, allowing for translation practice. 100 per package. Not available free.

100 cards: 1-04020-00.....\$7.00

Note: Not available on Quota.



Braille Contraction Sheets

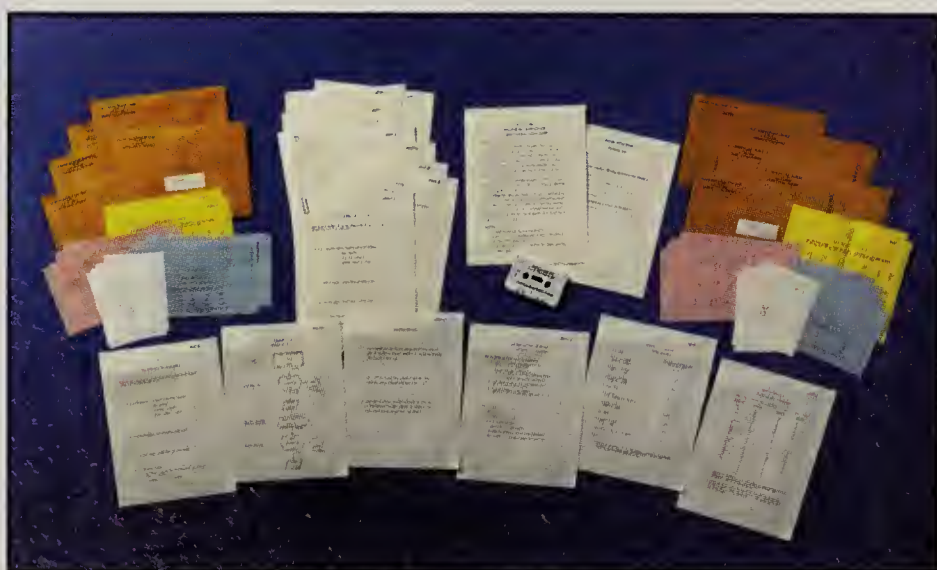
Pamphlet contains many of the common English Grade 2 Braille units, including contractions, word signs, short-form words, punctuation, and composition signs.

As an educational service, up to five copies of the braille version are available free on request by phone. Sold individually.

Print Version:

7-35960-00 (not available free).....\$2.50

Braille Version: 5-35960-00.....\$2.50



Braille Code Recognition (BCR) Materials

Help students increase speed and accuracy in recognition of contractions, word signs, and short-form words in braille.

BCR comes in two versions:

The Students' Kit provides for up to five students, while the Teachers' Training Kit provides for up to 10 teachers.

Recommended for students 10 years and older who have a basic understanding of the braille code.

BCR Students' Kit: 1-03240-00.....\$44.00

BCR Teachers' Training Kit: 1-03250-00.....\$25.00

Braille Progress Charts only (50 sheets): 1-04050-00.....\$5.50

Ordering & Info: www.apf.org or 1-800-223-1839

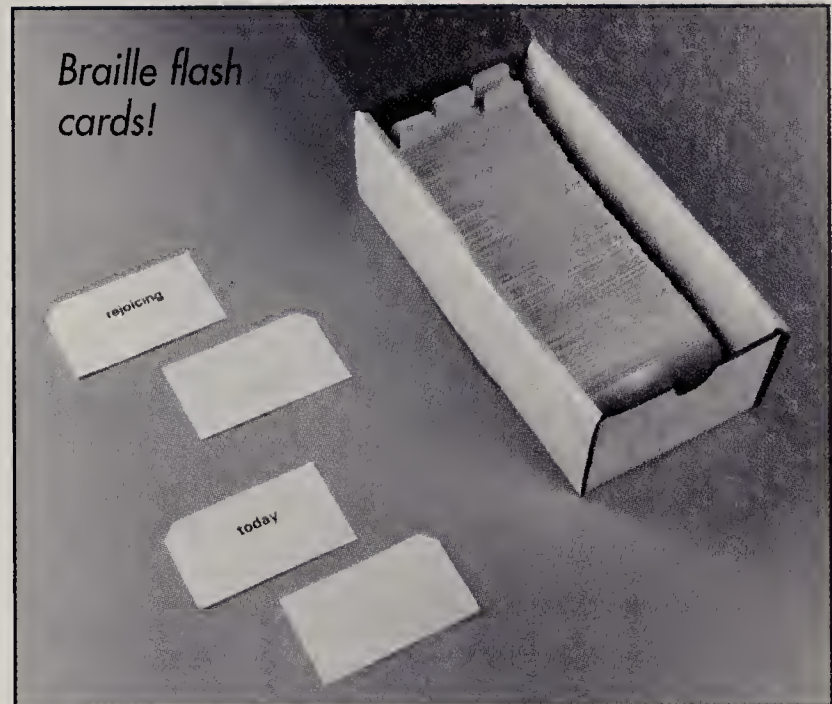
Grade 2 Braille Cards

Flashcards for drilling on the braille literary code. Includes in both large type and braille:

- Alphabet and numbers
- Punctuation and composition signs
- One-cell whole-word and part-word signs
- Two-cell contractions
- Short-form words

There are 247 cards, measuring 3 1/2 x 2 inches. The first 26 cards contain the braille alphabet on one side and large type on the other side. Remaining cards contain Grade 2 Braille on one side and both Grade 1 Braille and large type on the other side.

Eight blank cards, 30 indexing cards with tabs, and a storage box are included.



Recommended ages: 6 years and older.

Grade 2 Braille Cards: 1-03561-00.....\$10.00

Can be used with the Card Chart!

Swing Cell

Introduce beginning braille users to the braille cell using this teaching device. Two rectangular blocks are hinged on the top and mounted on a wooden base. Pegs can be inserted into the blocks to represent braille dots, three pegs per block. With the blocks in the vertical position, the pegs form the braille cell. With the blocks in the horizontal position, the pegs show the position of the keys on a braillewriter.



Recommended ages: 5 years and older.

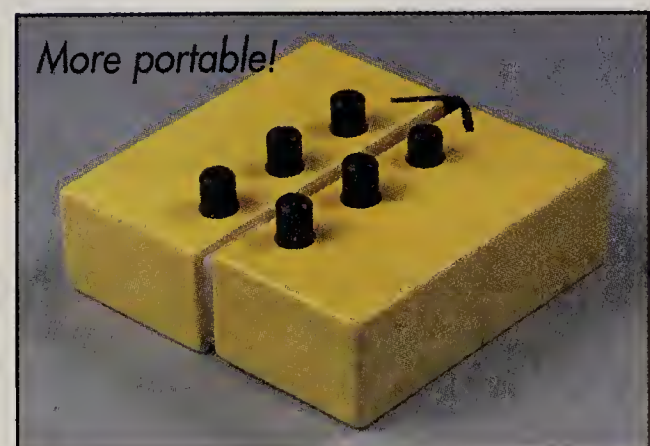
6-78040-00.....\$53.50

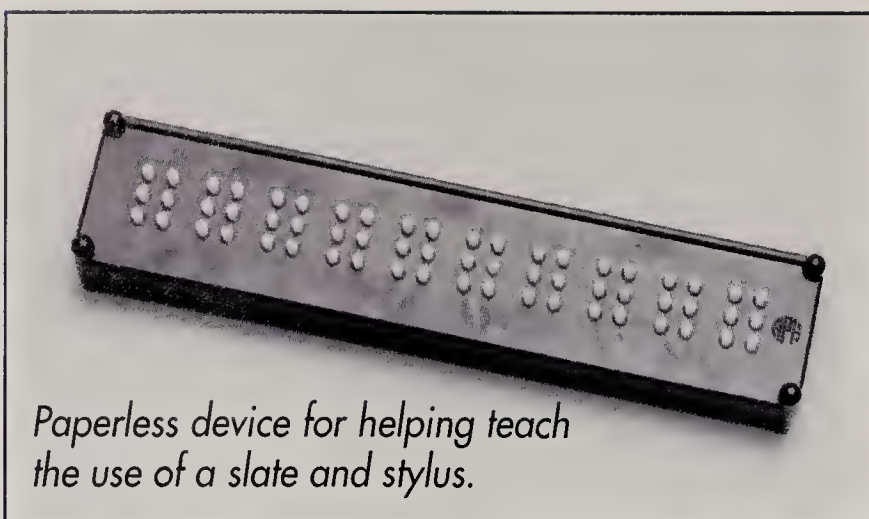
Swing Cell Compact

Similar to the Swing Cell, but without the base. Smaller and lighter than the original. Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

Recommended Ages: 5 years and older.

6-78041-00.....\$35.00





Peg Slate

Paperless device designed to help teach beginning users of the braille slate. A frame is mounted with pegs that represent the braille dots in 10 braille cells. A finger is used to push the pegs down. The frame is then flipped over to read the braille message. Made of black plastic with white plastic pegs for high contrast. Instructions in print and braille.

Recommended ages: 6 years to adult.

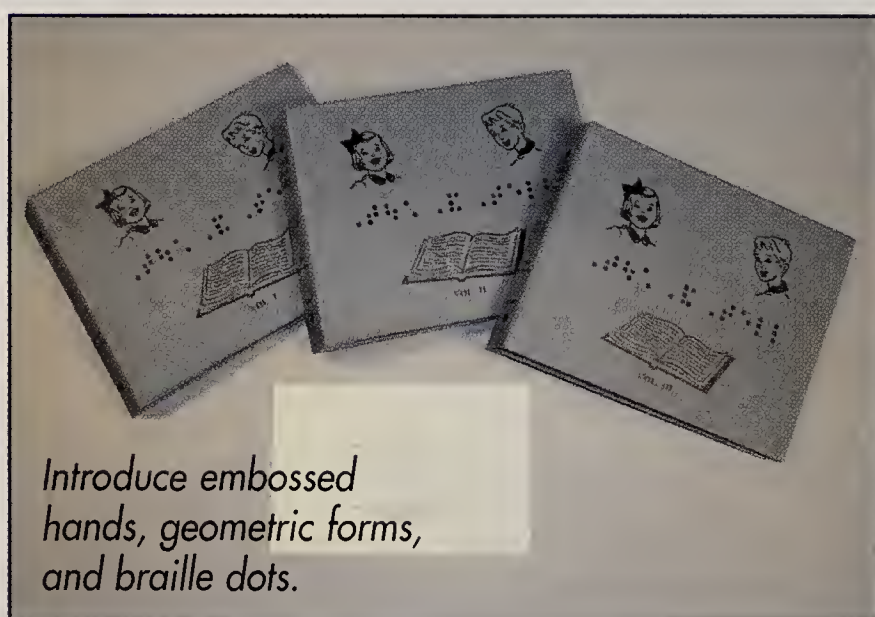
1-08830-00.....\$16.00



Big Cell

Enlarged plastic braille cell model that allows a blind person to examine the shape of a braille cell. Helps beginning slate users learn where to put the stylus for various dot positions.

1-08820-00.....\$5.00



Touch and Tell

Classic set of braille reading readiness books. Consists of three volumes with tactile pages and regular type instructions. Volumes I and II introduce embossed hands and geometric forms, while Volume III introduces braille dots. Recommended ages: 5 to 6 years.

6-44670-00.....\$38.00

Instruction booklet only:

8-44660-00.....\$5.00

Note: The Formboard with Removable Hands (1-03700-00) is a good precursor to Touch and Tell. Tactual Discrimination Worksheets (1-08810-00) provide additional practice. Modern Methods of Teaching Braille, Book 1 (5-82850-00) provides similar activities.

Tactual Discrimination Worksheets

Four-part set of consumable worksheets for braille reading readiness.

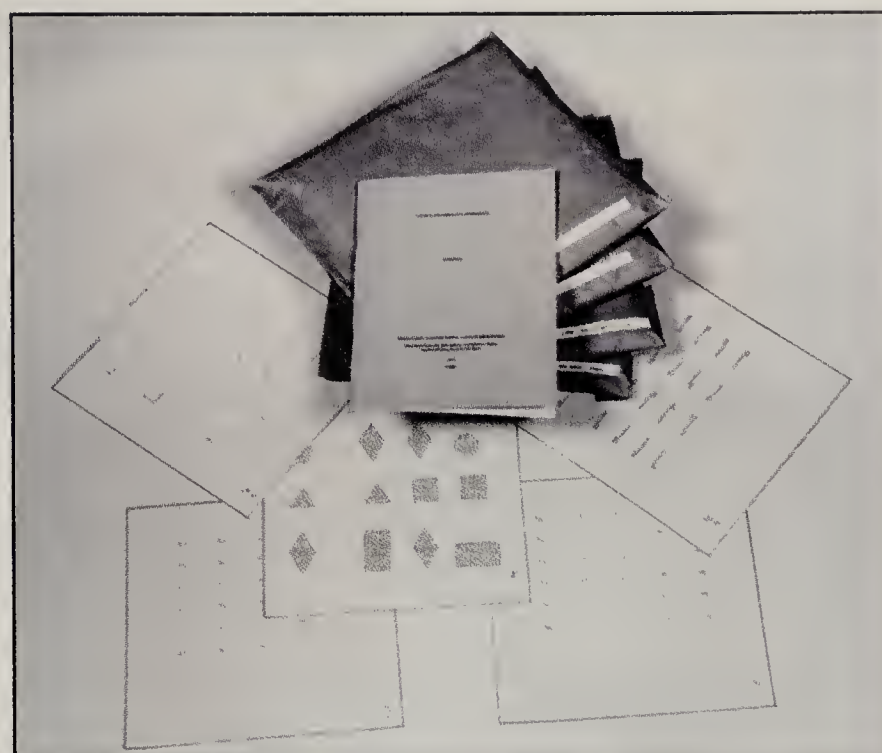
Included:

- Twenty geometric form sheets
- Twenty-six line sheets
- Twenty angular figure sheets
- Twenty braille code character sheets

Examples of tasks include: finding the figure which is different in a row of figures, finding the two figures in a row of figures which are the same, finding a figure that matches the first figure in each row, etc. Instruction manual in regular type.

Recommended ages: 5 or 6 years and other beginning braille readers of all ages.

1-08810-00.....\$20.00



Beginning braille students of all ages can benefit from these consumable tactual discrimination worksheets.

Extra Worksheets only:

1-08800-00.....\$20.00

Preparatory Reading Program for Visually Handicapped Children (PREP)

For students who are potentially braille readers or large type readers, *PREP* focuses on ten concepts directly related to the reading process.

Each concept has instructional objectives and multisensory lessons plus a storybook in large type and braille with raised-line drawings. Stories stimulate a child's reasoning and reading comprehension skills.

Recommended ages: 3 years and up.

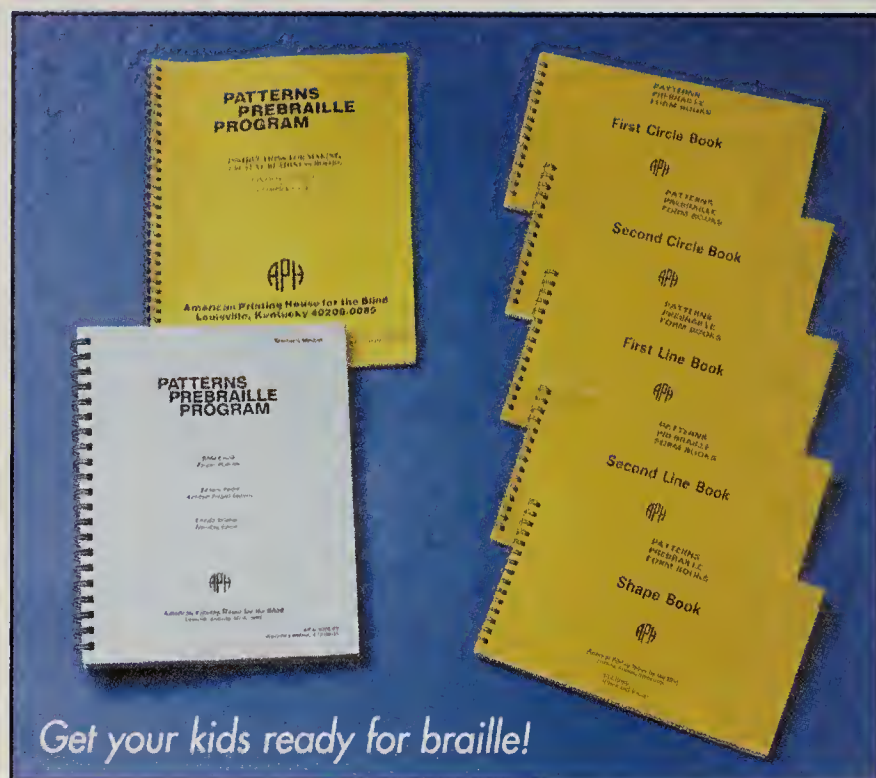
PREP: 8-01200-00.....\$157.00

Items available separately:

Teacher's Manual: 8-01220-00.....\$80.00

Storybooks: 8-01210-00.....\$77.00





Patterns Prebraille Program

Designed to prepare children before they begin braille reading. Helps build a child's auditory, tactual, conceptual, and language skills. Emphasis in this program is on exposure to a variety of common childhood experiences.

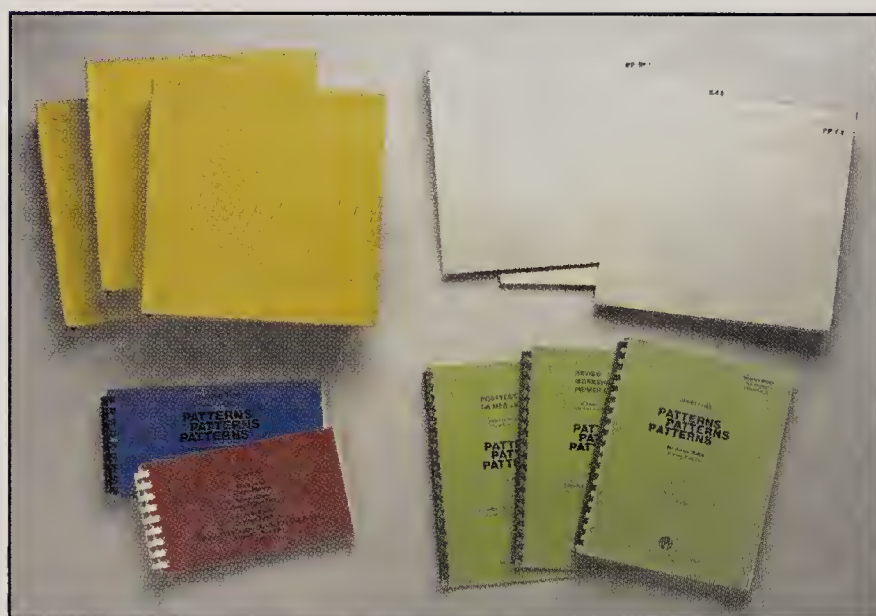
Patterns Prebraille: 6-78360-00.....\$56.00

Items available separately:

Teacher's Manual 8-78380-00.....\$21.00

Instructions for Making Tactual Readiness Books 8-78370-00.....\$10.50

**Patterns Prebraille Form Books
6-78361-00.....\$24.50**



Patterns is a complete program for beginning braille readers. Not all items shown.

*Patterns: The Primary Braille Reading Program
is listed in easy-to-read charts.*

Please see pages 73-75.

Patterns: The Primary Braille Reading Program

Complete program designed for young beginning braille readers, readiness through third reader level.

Word recognition is taught through tactual memory, phonological skills, and syntactical skills. Contains a variety of materials for each level, including: textbooks, posttests, worksheets, and teacher's editions. Recommended ages: 5 years and up.

Note: Some Braille versions of *Patterns* teacher's editions available from APH are vacuum form books that were transcribed by the Braille Services Guild of California. Complete kits include only the print versions of the teacher's editions; braille teacher's editions must be ordered separately.

Scope and Sequence Chart (*Patterns* overview) 8-78350-00.....\$9.00

Communication Modes and Literacy Education continued

Patterns: Reading: Readiness Level (Red):	Catalog Number	Price
Go and Do, Letters and You: Complete Print Kit	6-78000-00	\$108.00
Patterns: Reading: Readiness: Complete Print Kit Includes: Pupil's Texts, Print Teacher's Edition for Pupil's Texts, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest, Swing Cell Compact		
Readiness items sold separately:		
Pupil's Texts (2 books)	6-78010-00	\$12.00
Teacher's Edition for Pupil's Texts:		
<i>Braille Edition</i> - only available separately (7 volumes)	6-32130-00	\$179.00
<i>Print Edition</i>	8-78010-00	\$18.00
Review Worksheets (unbound)	6-78020-00	\$10.00
Teacher's Edition for Review Worksheets:		
<i>Braille Edition</i> - only available separately (1 vol.)	6-32150-00	\$17.00
<i>Print Edition</i>	8-78020-00	\$9.00
Posttest (unbound)	6-78030-00	\$6.00
Teacher's Edition for Posttest:		
<i>Braille Edition</i> - only available separately (1 vol.)	6-32140-00	\$20.00
<i>Print Edition</i>	8-78030-00	\$9.00
Swing Cell Compact: Used to teach the relationship between the braille cell and the keys on a braillewriter	6-78041-00	\$35.00

Patterns: Reading: Preprimer Level (Blue):	Catalog Number	Price
Work and Play, Little and Big, Words and Games: Complete Print Kit	6-78050-00	\$110.00
Patterns: Reading: Preprimer: Complete Print Kit Includes: Pupil's Texts, Worksheets, Print Teacher's Edition for Pupil's Texts and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
Preprimer items sold separately:		
Pupil's Texts (3 books)	6-78060-00	\$19.25
Worksheets (unbound)	6-78070-00	\$25.00
Teacher's Edition for Pupil's Text and Worksheets:		
<i>Braille Edition</i> - only available separately (8 volumes)	T-32210-00	\$245.00
<i>Print Edition</i>	8-78060-00	\$19.50
Review Worksheets (unbound)	6-78080-00	\$11.25
Teacher's Edition for Review Worksheets:		
<i>Braille Edition</i> - only available separately (1 vol.)	T-32220-00	\$23.00
<i>Print Edition</i>	8-78080-00	\$9.00
Posttest (unbound)	6-78090-00	\$8.00
Teacher's Edition for Posttest		
<i>Braille Edition</i> - only available separately (1 vol.)	T-32230-00	\$19.00
<i>Print Edition</i>	8-78090-00	\$9.00

Communication Modes and Literacy Education continued

Patterns: Reading: Primer Level (Green):	Catalog Number	Price
<i>City and Farm: Complete Print Kit</i>	6-78100-00	\$120.00
Patterns: Reading: Primer: Complete Print Kit Includes: Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheet, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
Primer items sold separately:		
Pupil's Text (2 volumes)	6-78110-00	\$21.00
Worksheets (unbound)	6-78120-00	\$29.00
Teacher's Edition for Pupil's Text and Worksheets: <i>Braille Edition</i> - only available separately (8 vol.) <i>Print Edition</i>	T-32100-00 8-78110-00	\$242.00 \$16.00
Review Worksheets (unbound)	6-78130-00	\$13.00
Teacher's Edition for Review Worksheets: <i>Braille Edition</i> - only available separately (1 vol.) <i>Print Edition</i>	6-32110-00 8-78130-00	\$25.00 \$9.00
Posttest (unbound)	6-78140-00	\$14.00
Teacher's Edition for Posttest <i>Braille Edition</i> - only available separately (1 vol.) <i>Print Edition</i>	T-32120-00 8-78140-00	\$24.00 \$9.00

Patterns: Reading: 1st Reader Level (Yellow):	Catalog Number	Price
<i>New Friends: Complete Print Kit</i>	6-78150-00	\$171.00
Patterns: Reading: First Reader: Complete Print Kit Includes: Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
First Reader items sold separately:		
Pupil's Text (3 volumes)	6-78160-00	\$44.00
Worksheets (unbound)	6-78170-00	\$45.00
Teacher's Edition for Pupil's Text and Worksheets: <i>Braille Edition</i> - only available separately (13 vol.) <i>Print Edition</i>	T-32180-00 8-78160-00	\$360.00 \$23.50
Teacher's Edition for Review Worksheets: <i>Braille Edition</i> - only available separately (1 vol.) <i>Print Edition</i>	6-32150-00 8-78020-00	\$17.00 \$9.00
Review Worksheets (unbound)	6-78180-00	\$20.50
Posttest (unbound)	6-78190-00	\$11.00
Teacher's Edition for Posttest <i>Braille Edition</i> - only available separately (1 vol.) <i>Print Edition</i>	T-32200-00 8-78190-00	\$24.00 \$9.00

Communication Modes and Literacy Education continued

Patterns: Reading: 2nd Reader Level (Brown):	Catalog Number	Price
Old and New: Complete Print Kit	6-78200-00	\$198.50
Patterns: Reading: Second Reader: Complete Kit Includes: Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
Second Reader items sold separately:		
Pupil's Text (3 volumes)	6-78210-00	\$32.50
Worksheets (unbound)	6-78220-00	\$79.00
Teacher's Edition for Pupil's Text and Worksheets: Braille Edition - only available separately (vol. NA) Print Edition	6-78205-00 8-78210-00	\$TBA \$31.50
Review Worksheets (unbound)	6-78230-00	\$18.00
Teacher's Edition for Review Worksheets: Braille Edition - only available separately (1 vol.) Print Edition	T-32250-00 8-78230-00	\$28.00 \$9.00
Posttest (unbound)	6-78240-00	\$10.50
Teacher's Edition for Posttest Braille Edition - only available separately (1 vol.) Print Edition	T-32260-00 8-78240-00	\$22.00 \$9.00

Patterns: Reading: 3rd Reader Level (Gray):	Catalog Number	Price
Far Away and Long Ago: Complete Print Kit	6-78250-00	\$245.00
Patterns: Reading: Third Reader: Complete Print Kit Includes: Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
Third Reader items sold separately:		
Pupil's Text (4 volumes)	6-78260-00	\$50.00
Worksheets (unbound)	6-78270-00	\$83.00
Teacher's Edition for Pupil's Text and Worksheets: Braille Edition - now available! Print Edition	5-32270-00 8-78260-00	\$371.00 \$46.00
Review Worksheets (unbound)	6-78280-00	\$21.00
Teacher's Edition for Review Worksheets: Braille Edition (not available) Print Edition	not available 8-78280-00	-- \$9.00
Posttest (unbound)	6-78290-00	\$18.00
Teacher's Edition for Posttest Braille Edition (not available) Print Edition	not available 8-78290-00	-- \$9.00

Communication Modes and Literacy Education continued

Patterns: Reading Program Library Series

This series is designed for students who have completed the corresponding levels of *Patterns: Reading Program*.

Library Series Preprimer Level (Blue):
Complete Kit (24 braille books):
6-78300-00.....\$135.00

Notes for Teachers only:
8-78300-00.....\$9.00



The *Patterns: Reading Program Library Series* contains many interesting and fun stories to help students practice their braille skills.

Print Edition of Preprimer Pupil's Books
(for use by parents and teachers –
contains the print text of the above 24
books): 8-78301-00.....\$11.00

Library Series Primer Level (Green):
Complete Kit (27 braille books):
6-78310-00.....\$152.00

Notes for Teachers only:
8-78310-00.....\$10.00

Library Series First Reader Level (Yellow):
Complete Kit (23 braille books):
6-78320-00.....\$145.00

Notes for Teachers only:
8-78320-00.....\$10.00

Library Series Second Reader Level (Brown):
Complete Kit (23 braille books):
6-78330-00.....\$132.00

Notes for Teachers only:
8-78330-00.....\$10.00

Library Series Third Reader Level (Gray):
Complete Kit (22 braille books):
6-78340-00.....\$138.00

Notes for Teachers only:
8-78340-00.....\$9.00



Patterns: Spelling and English, Level A, Braille Teacher's Kit.

Patterns: The Primary Braille Spelling and English Program

Teach complete spelling and language skills to primary grade students who will use braille as their main writing medium with this companion program to *Patterns: Reading Program*.

Patterns: Spelling and English is composed of textbooks, posttests, worksheets, and teacher's editions in print and braille. When used with the *Reading*

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Program, it provides a whole language approach to teaching. Addresses the problems of braille users who must master the braille code as well as learn to communicate in print.

- **Level A** corresponds to the Readiness, Preprimer, and Primer Levels of *Patterns: Reading*.

- **Level B** corresponds with the First Reader Level of *Patterns: Reading*.
- **Level C** corresponds to the Second Reader Level of *Patterns: Reading*.
- **Level D** corresponds with the Third Reader Level of *Patterns: Reading*.

Patterns: The Primary Braille Spelling and English Program :

Spelling and English: Level A (Green Lettering):	Catalog Number	Price
Print Teacher's Kit, Level A (complete kit)	6-78362-00	\$92.00
Braille Teacher's Kit, Level A (complete kit)	6-78363-00	\$147.00
Level A items sold separately:		
Texts, Level A (braille only, 3 titles in one volume): <i>all the words you can write and spell, All about me, All Around City and Farm</i>	6-78366-00	\$20.00
Print Teacher's Edition, Level A	8-78364-00	\$23.00
Braille Teacher's Edition, Level A (9 volumes)	6-78365-00	\$86.00
Worksheets, Level A (braille only, unbound)	6-78367-00	\$24.00
Posttest, Level A (braille only, 1 vol.)	6-78370-00	\$7.50
Posttest, Print Teacher's Edition, Level A	8-78368-00	\$17.50
Posttest, Braille Teacher's Edition, Level A	6-78369-00	\$9.50

Patterns: The Primary Braille Spelling and English Program is listed in easy-to-read charts. Please see pages 77-79.

Communication Modes and Literacy Education continued

Patterns: The Primary Braille Spelling and English Program continued:

Spelling and English: Level B (Purple Lettering):	Catalog Number	Price
Print Teacher's Kit, Level B (complete kit)	6-78371-00	\$87.25
Braille Teacher's Kit, Level B (complete kit)	6-78372-00	\$141.25
Level B items sold separately:		
Text, Level B (braille only, 2 vol.): <i>Building Blocks</i>	6-78375-00	\$20.00
Print Teacher's Edition, Level B	8-78373-00	\$30.00
Braille Teacher's Edition, Level B (8 vol.)	6-78374-00	\$85.00
Worksheets, Level B (braille only, unbound)	6-78376-00	\$21.00
Posttest, Level B (braille only, 1 vol.)	6-78379-00	\$6.25
Posttest, Print Teacher's Edition, Level B	8-78377-00	\$10.00
Posttest, Braille Teacher's Edition, Level B (1 vol.)	6-78378-00	\$9.00

Spelling and English: Level C (Blue Lettering):	Catalog Number	Price
Print Teacher's Kit, Level C (complete kit)	6-78380-00	\$120.00
Braille Teacher's Kit, Level C (complete kit)	6-78381-00	\$169.50
Level C items sold separately:		
Text, Level C (braille only, 2 vol.): <i>Communicating</i>	6-78384-00	\$30.00
Print Teacher's Edition, Level C	8-78382-00	\$24.00
Braille Teacher's Edition, Level C (8 vol.)	6-78383-00	\$85.00
Worksheets, Level C (braille only, unbound)	6-78385-00	\$36.00
Posttest, Level C (braille only, 1 vol.)	6-78388-00	\$10.50
Posttest, Print Teacher's Edition, Level C	8-78386-00	\$19.50
Posttest, Braille Teacher's Edition, Level C (1 vol.)	6-78387-00	\$8.00

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Patterns: The Primary Braille Spelling and English Program continued:

Spelling and English: Level D (Red Lettering):	Catalog Number	Price
Print Teacher's Kit, Level D (complete kit)	6-78389-00	\$98.00
Braille Teacher's Kit, Level D (complete kit)	6-78390-00	\$158.00
Level D items sold separately:		
Text and Glossary, Level D (braille only): <i>Digging Deeper</i>	6-78393-00	\$32.00
Print Teacher's Edition, Level D	8-78391-00	\$24.00
Braille Teacher's Edition, Level D	6-78392-00	\$85.00
Worksheets, Level D (braille only)	6-78394-00	\$25.50
Posttest, Level D (braille only)	6-78397-00	\$7.50
Posttest, Print Teacher's Edition, Level D	8-78395-00	\$9.00
Posttest, Braille Teacher's Edition, Level D	6-78396-00	\$8.00

The Braille Connection

Note: Replaces Read Again

The Braille Connection: A Braille Reading and Writing Program for Former Print Users is designed to teach former adult and teenage print readers how to read braille.

Developed by APH and the National Federation of the Blind (NFB), this program moves quickly through tactual discrimination; on to Grade 1 Braille, which corresponds to print; and then through Grade 2 Braille, the standard code for braille books and magazines.

Note: Designed to be used under the supervision of a qualified braille teacher.

Braille Connection: Print Kit:

7-11100-00.....\$154.50

Braille Kit: 5-11100-00.....\$190.00



Items Available Separately:

Teacher's Edition:

Print: 7-11101-00.....\$32.00

Braille: 5-11101-00.....\$75.00

Student Workbook:

Grade 1 Braille: 5-11103-00.....\$15.50

Grade 2 Braille: 5-11104-00.....\$28.00

Student Practice Book:

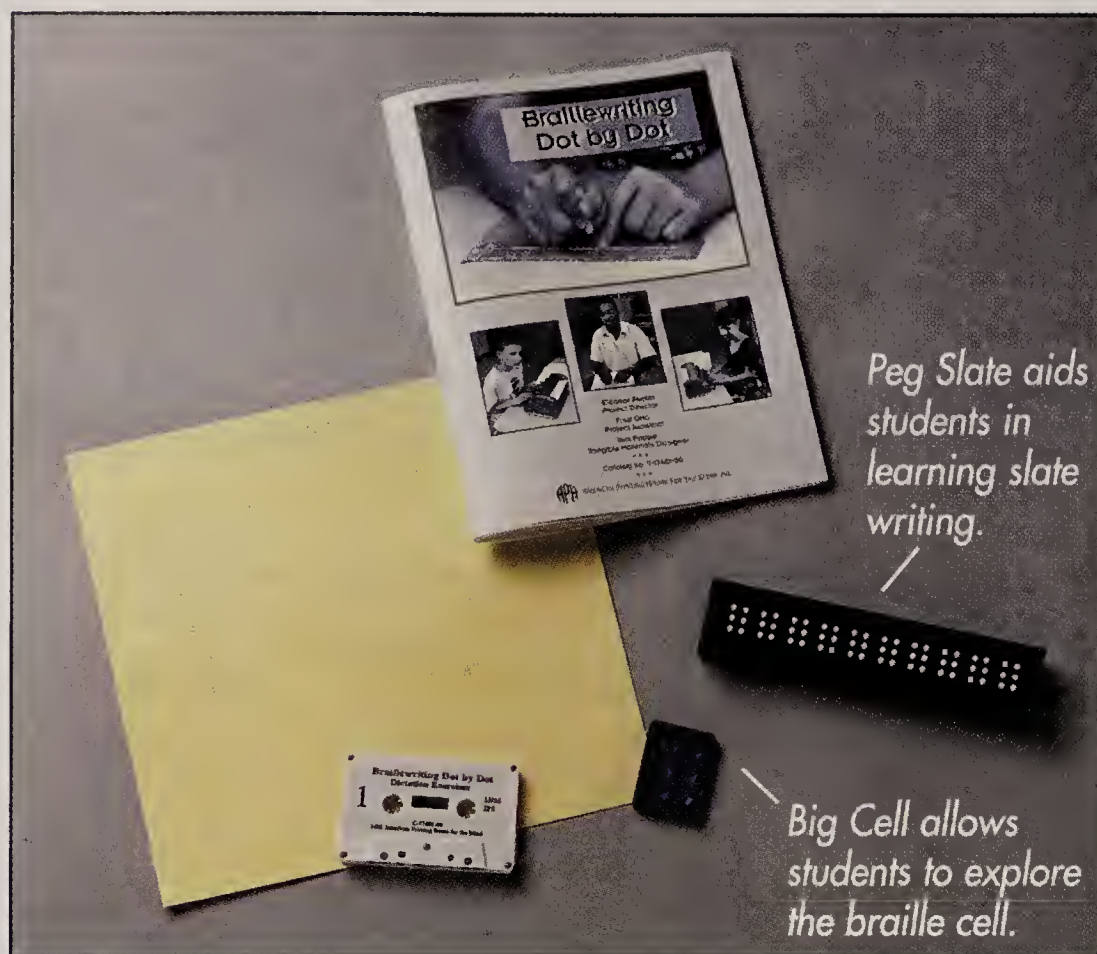
Grade 1 Braille: 5-11105-00.....\$17.00

Grade 2 Braille: 5-11106-00.....\$23.00

Mentoring Manual:

Print: 7-11102-00.....\$16.00

Braille: 5-11102-00.....\$8.50



Braillewriting Dot by Dot

Most programs teach braille *reading*; this kit focuses on beginning *writing* skills with braillewriters and slate & stylus.

Included:

- **Teacher's Manual** with ten basic lessons in each writing method and three "Beyond the Basics" lessons
- **Exercise Cassette** with dictation exercises
- **Alphabet Etc.** – a braille reference sheet
- **Peg Slate and Big Cell** teaching devices for the slate

Braillewriting Dot by Dot helps students develop braille writing skills. Kits are available in braille (pictured) and print.

Recommended Item That Is Not Included:

Swing Cells teaching devices for the braillewriter (purchased separately – see page 69)

Recommended Ages: 9 years–adult.

Braillewriting Dot by Dot:

Kit with Braille Teacher's Manual: 5-17400-00.....\$46.00

Kit with Print Teacher's Manual: 7-17400-00.....\$42.00

Items available separately:

Teacher's Edition: Braille: 5-17401-00.....\$20.00
Print: 7-17401-00.....\$20.00

Exercise Cassette: C-17401-00.....\$2.50

Peg Slate: 1-08830-00.....\$16.00

Big Cell: 1-08820-00.....\$5.00

Alphabet Etc.: 5-17402-00.....\$2.50

Tangible Graphs

Aids in teaching tactile graph reading. Includes:

- Braille student text
- Braille student graph test
- Five sets of braille graph test answer sheets
- Regular print teacher's guide

Cork board, five sets of embossed graph sheets, push pins, and rubber bands are included for student graph construction.

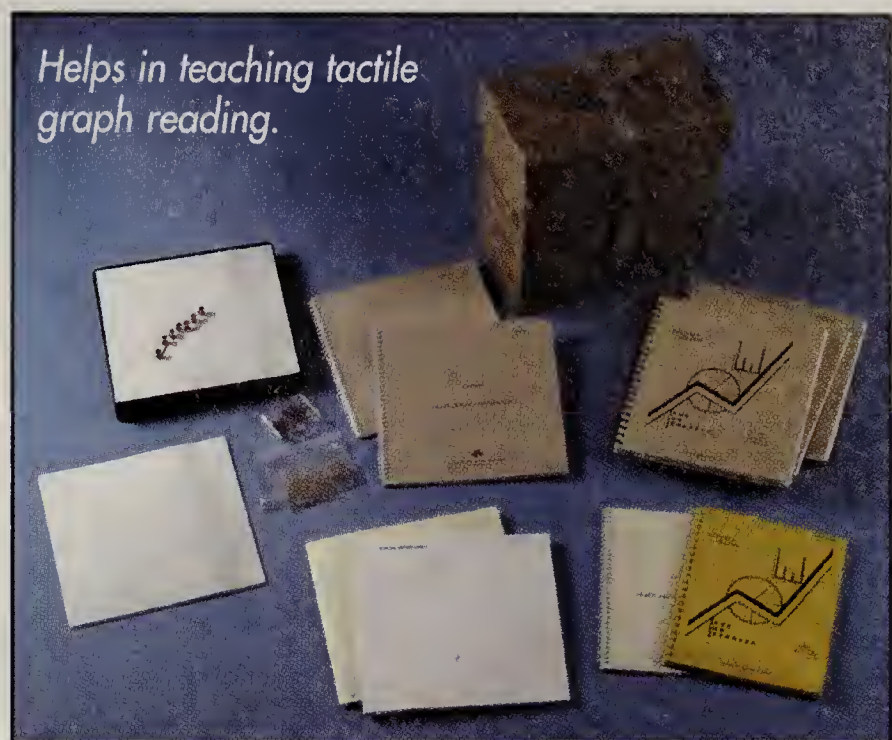
Recommended ages: 8 years and older.

Tangible Graphs Kit:

1-08860-00.....\$180.00

Items available separately:

Braille Graph Test Answer Sheets (five Braille sets) 6-39520-00.....\$16.00



Students learn how to read pictographs, bar graphs, circle graphs, and line graphs with the Tangible Graphs program.

Print Teacher's Guide

8-39530-00.....\$37.50

Embossed Graph Sheets for Cork Board

6-39510-00.....\$6.00

The Good Tactile Graphic: A Two-Tape Video Presentation and Booklet

Helps braille transcribers of all skill levels design clear and meaningful tactile graphics. Tapes offer a wealth of information woven into the story of an angel who desperately needs tactile graphics showing him how to operate his wings.

The Booklet

Expands on the videos by providing specific guidelines for the design of tactile graphics, further resources, and samples of some of the tactile graphics depicted in the videos.

***The Good Tactile Graphic* (two VHS videotapes plus booklet):**

1-30006-00.....\$59.00

***Guidelines, Resources, and Samples* (booklet only):** 7-30006-00.....\$24.00





Tactile Graphics Starter Kit

For those who have little experience in making tactile graphics. Ideal if you need only a limited number of graphics. Use to create maps, graphs, illustrations, and more.

Contains:

- Three bottles of craft ink to draw raised lines
- Tactually discriminable fabrics and patterns
- Paper point symbols that may be glued to a graphic
- Alphabetical Index of Braille Signs for reference in making braille labels

- **Slate and stylus** for making braille labels
- **Print manual** with rules for making tactile graphics, samples of good and bad graphics, bibliography, and more

Tactile Graphics Starter Kit:

1-08839-00.....\$34.00

Manual for Tactile Graphics Starter Kit only (regular print)

8-08839-00.....\$16.00



Tools for making lines, areal patterns, and points help you create custom tactile graphic masters. Braille slate and stylus, aluminum foil, and guidebook are included in the Tactile Graphics Kit.

Tactile Graphics Kit

Contains extensive tools and materials for constructing master tactile graphics of all types: maps, graphs, diagrams, etc. Masters are embossed on heavy aluminum foil (also available separately, see next page) and can be reproduced on a vacuum-form machine.

Tools in the kit allow for seven kinds of points, seven kinds of lines, and four areal patterns. Comes with starter sheets of foil and a detailed guidebook.

Recommended ages: 14 years and older.

Tactile Graphics Kit:

1-08840-00.....\$267.00

Tactile Graphics Guidebook only:

8-39100-00.....\$30.00

Aluminum Diagraming Foil for Use with Tactile Graphics Kit

For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Available in rolls or sheets. Roll is 11 inches wide and approximately 150 feet long. Sheets measure 11 x 11 inches. 30 sheets per package.

Roll 1-04120-00.....\$48.00

Sheets 1-04090-00.....\$14.00



Choose aluminum diagraming foil in sheets or rolls for producing tactile graphic masters.

Swail Dot Inverter

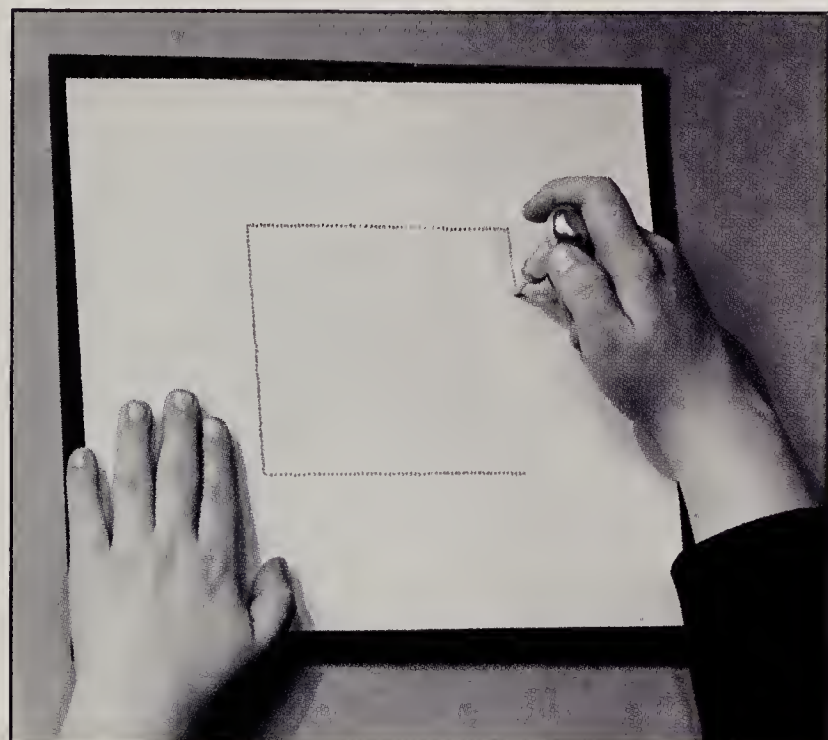
Construct simple diagrams, graphs, maps, etc. by embossing a series of single dots.

Includes a special metal stylus and a 12 x 12 inch rubber pad. Braille paper (sold separately) is placed on top of the pad. Special stylus allows dots to be embossed up towards the user by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke (leaves an undetectable hole in the dot). Works best with Brailon® plastic braille paper.

Recommended ages: 5 years and older.

Swail Dot Inverter:

1-03610-00.....\$33.00



Replacement Rubber Pad:

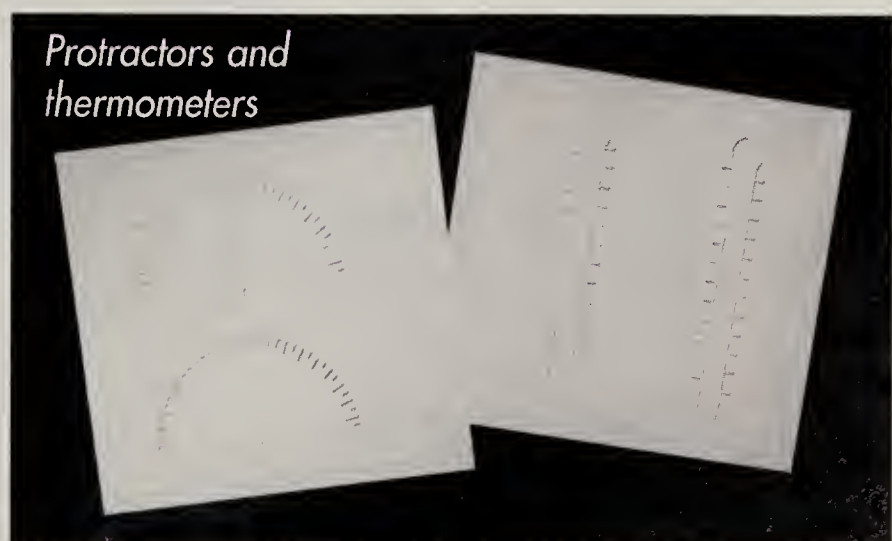
1-03620-00.....\$9.00

Braille Transcribers' Kit: Math

Make braille transcription of elementary math books quicker with this collection of raised-line graphics of commonly occurring figures.

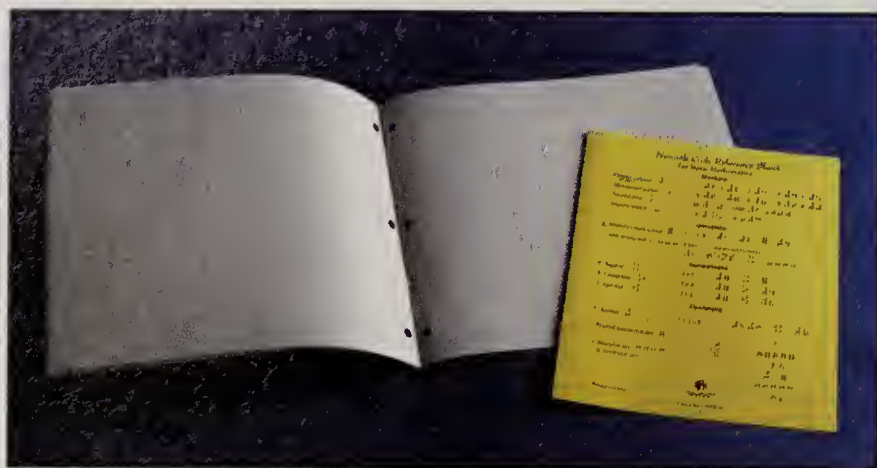
Master sheets contain five each of: rulers, number lines, protractors, unlabeled thermometers, and clock faces. Master sheets can be thermoformed to provide multiple copies of figures. Embossed on white braille paper measuring 11 1/2 x 11 inches.

1-04100-00.....\$10.00



Sample pages from the Braille Transcribers' Kit: Math

Communication Modes and Literacy Education continued

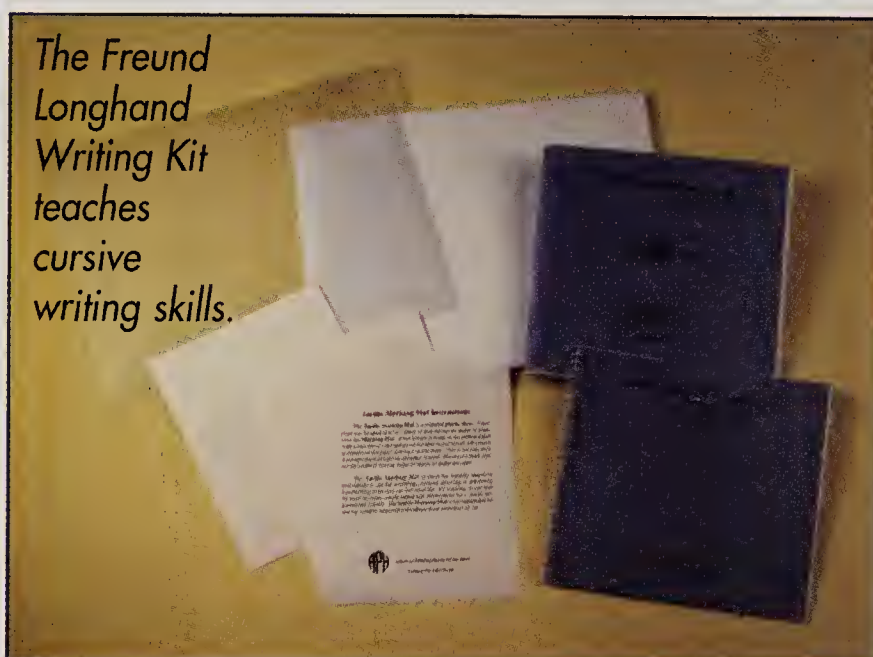


Nemeth Code Reference Sheet for Basic Mathematics

Listing of common symbols from the Nemeth Braille Code for Mathematics. Shows symbols in use. Groupings include: • Numbers • Omissions • Comparisons • Operations • Money • Geometry • Fractions • Other Related Symbols.

Nemeth Code Reference Sheet, Print Edition: 7-87500-00.....\$2.50

Nemeth Code Reference Sheet, Braille Edition: 5-87400-00.....\$2.50



Freund Longhand Writing Kit

Helps students learn cursive writing. Includes an embossed workbook for practicing the alphabet, a Tactile Marking Mat (also available separately), a pad of 100 sheets of embossed-line paper for use with the Marking Mat, and a manual in both regular type and braille. Recommended ages: 8 years and older.

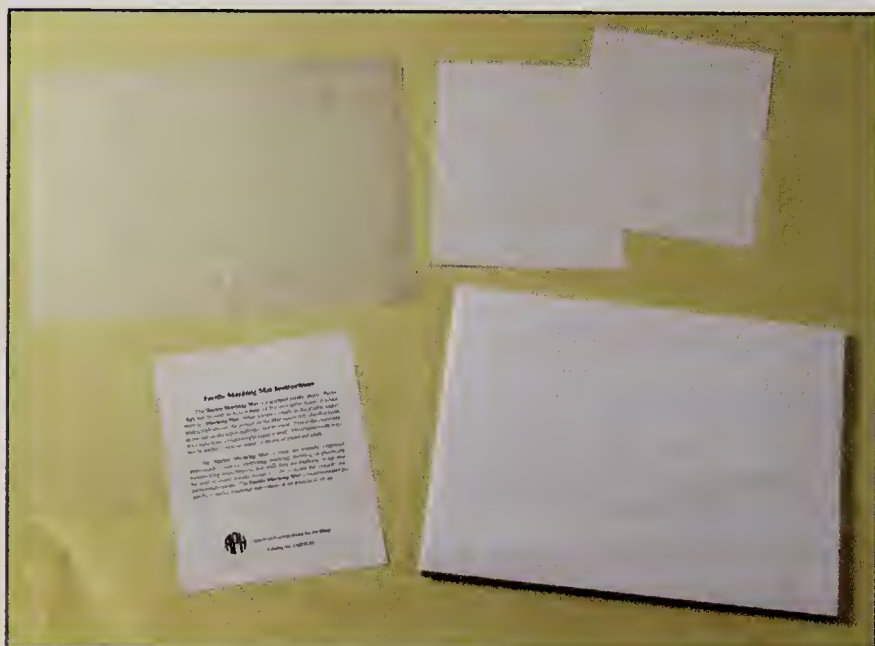
Freund Kit: 1-03330-00.....\$61.00

Items available separately:

Teacher's Manuals: Braille 5-73970-00.....\$20.00 • Print 7-73970-00.....\$15.00

Longhand Writing Paper (100 sheet pads):

Embossed 1-03340-00.....\$13.00 • Plain 1-03270-00.....\$5.50



Tactile Marking Mat

A 17 x 13 1/2 inch textured plastic sheet for use with included embossed-line Longhand Writing Paper or other thin paper. Mat's texture causes wax crayon marks to be tactile. Use for drawing, practicing handwriting, and creating simple diagrams. Includes 100 sheets of paper. Instructions in print and braille.

Recommended ages: 3 years and up.

Tactile Marking Mat: 1-03331-00.....\$23.50

Script Letter Sheet and Board

Students can explore and trace upper and lower case letters, about 3/4 inch high, with these two related products, sold separately.

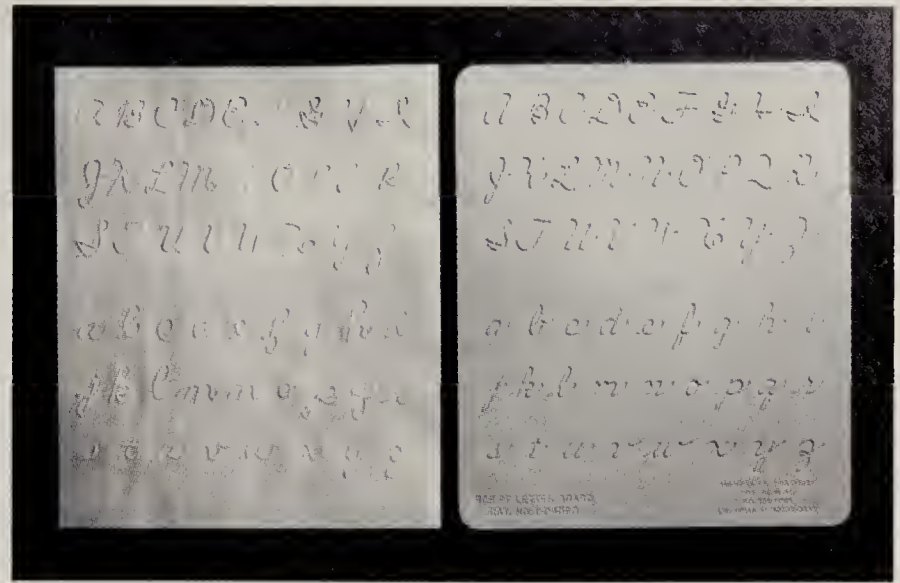
Recommended ages: 10 years and older.

Script Letter Sheet: Alphabet of script (cursive) letters embossed on a sheet of white braille paper. Pack of 100 sheets.

1-04041-00.....\$10.00

Script Letter Board: Use a pencil to trace the incised script (cursive) letters on this stiff white plastic board. Rubber pads prevent slipping.

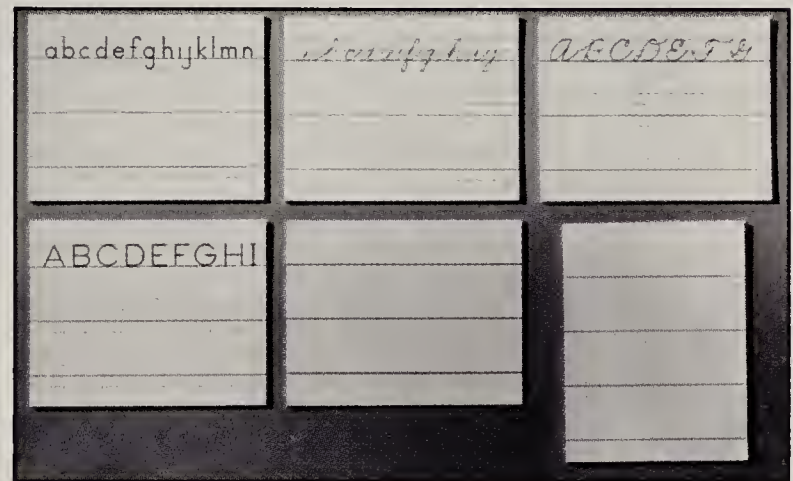
1-04060-00.....\$7.00



Beginner's Writing Paper

Special paper allows students to practice manuscript and cursive writing. Top of sheet is printed with a sample alphabet, followed by bold lines for practice. Printed on white paper with black ink, measures 11 x 8 1/2 inches. Plain paper (no alphabet) is also available.

Recommended ages: 5 years and older.



Beginner's Writing Paper: Padded, 100 sheets: Upper Case Cursive 1-04890-00.....\$5.00; Lower Case Cursive 1-04900-00.....\$5.00; Upper Case Manuscript 1-04910-00.....\$5.00; Lower Case Manuscript 1-04920-00.....\$5.00

Plain Beginner's Writing Paper (approximately 500 sheets):

8 1/2 Inch Wide: 1-04731-00.....\$15.00 • 11 Inch Wide: 1-04741-00.....\$15.00

Embossed Pencil Writing Paper

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet. Measures 8 3/4 x 10 1/2 inches and is in pads of approximately 165 sheets.

1-04560-00.....\$12.00



Communication Modes and Literacy Education continued

APH offers a wide variety of slates and other unique devices for writing braille and print. See chart on page 87.

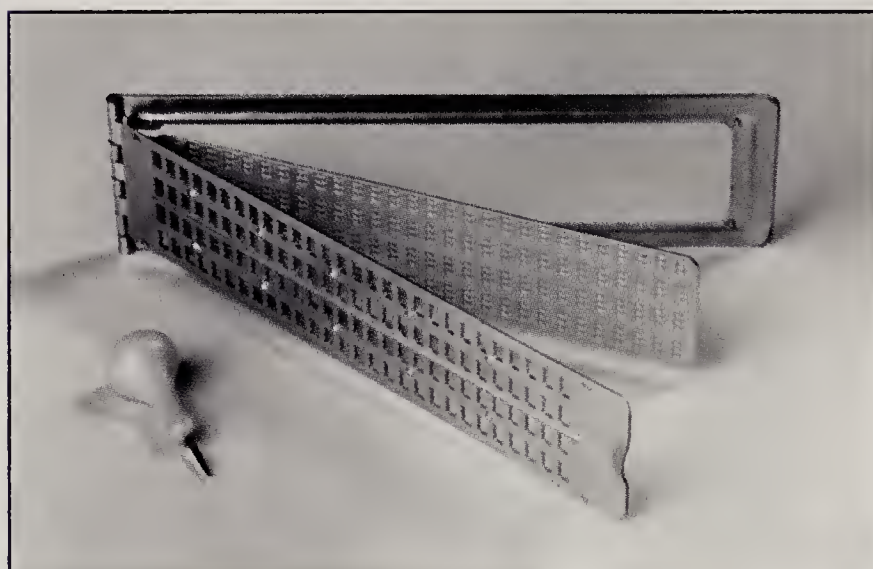
Braille Slates, Styluses, and Erasers

***Note:** All slates include a Large-Handled Stylus, except the Janus and 4x6 Interpoint, which each include a Saddle-Shaped Stylus. See next page for complete listing and prices.*

Recommended ages for all slates: 6 years and up.

Brown Slate & Stylus: 1-00170-00

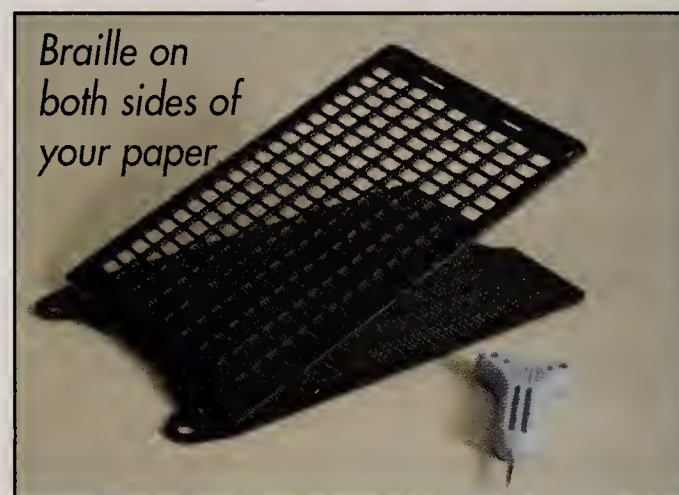
Back can be opened to allow for reading the braille without having to remove the paper from the frame. Lightweight metal slate has 28 cells per line and measures 8 3/8 x 2 1/4 inches.



4x6 Interpoint Slate: 1-00088-00

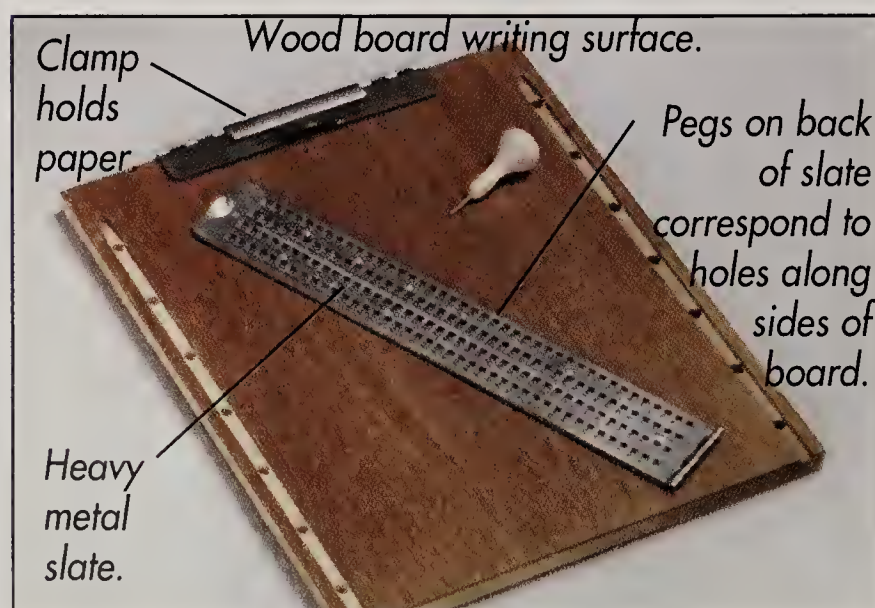
This 9-line, 21-cell slate is made of durable plastic. When you fill one side of the paper, you can flip the paper over and start writing on the other side. Features pins on the corners to prevent your paper from shifting. Includes a Saddle-Shaped Stylus.

Recommended ages: 6 years and up.



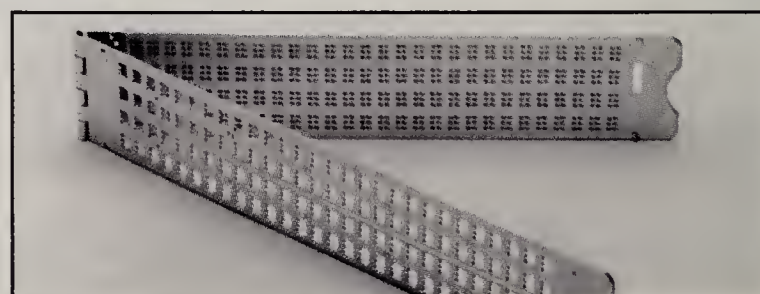
41 Cell Desk Slate: 1-00030-00

After writing four lines, open the slate and slide it down until the pegs fit into the next set of holes, and continue writing (up to 28 lines).



Interpoint Pocket Slate: 1-00081-01

Lets you write on both sides of the paper (interpoint braille). Two holes in the top plate allow you to create registration holes in the paper. Registration holes are offset so that when you turn the paper over and put it back in the slate, embossing on the back will not interfere with the braille that is already on the front.



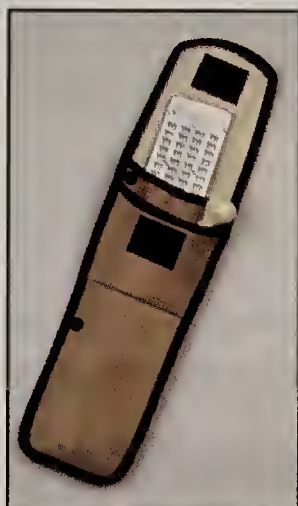
Slates, Styluses, and Erasers Chart

(One large-handle stylus is included with each slate, except 4x6 Interpoint and Janus, which each include a saddle-shaped stylus.)

	Description	Size in Inches	Catalog No.	Price
Braille Slates:				
4x6 Interpoint Slate	21 Cell, 9 Lines, Plastic	6 1/2 x 4	1-00088-00	\$9.00
Janus Interline Slate	19 Cell, 11 Lines, Plastic	5 1/2 x 3 1/2	1-00050-00	\$5.00
Desk Slate, 41 Cell	Heavyweight Metal/Wood	10 1/4 x 12 1/4	1-00030-00	\$74.00
27 Cell	Heavyweight Metal/Wood	7 x 12 1/4	1-00060-00	\$63.00
Brown Slate	28 Cell, Lightweight Metal	8 3/8 x 2 1/4	1-00170-00	\$50.00
Correcting Slate, No Pins	38 Cell, Heavyweight Metal	11 1/4 x 1 3/4	1-00130-00	\$36.00
Pins Up	38 Cell, Heavyweight Metal	11 1/4 x 1 3/4	1-00190-00	\$38.00
Pocket Slate, Interpoint	28 Cell, Lightweight Metal	8 1/4 x 1 3/4	1-00081-01	\$33.50
	Slotted for Labeling Tape			
Pins Down	28 Cell, Lightweight Metal	8 1/4 x 1 3/4	1-00090-00	\$33.00
Pins Up	28 Cell, Plastic	8 1/4 x 1 3/4	1-00080-00	\$6.00
Pins Up	28 Cell, Heavyweight Metal	8 1/4 x 1 3/4	1-00160-00	\$22.00
	Slotted for Labeling Tape			
Postcard Slate, Interpoint	19 Cell, Lightweight Metal	6 x 1 3/4	1-00110-00	\$37.00
Pins Up	19 Cell, Lightweight Metal	6 x 1 3/4	1-00180-00	\$37.00
Braille Styluses (all have a metal point):				
Large Handle	Wooden, Side of Handle is Flat	2 3/8 x 7/8	1-00200-00	\$2.50
Small Handle	Wooden	1 7/8 x 3/4	1-00220-00	\$2.50
Saddle-Shaped	Plastic, Concave "Dip" in Handle	2 5/8 x 1 1/4	1-00120-00	\$2.50
Braille Erasers:				
Wooden	2 1/2 long	1-00270-00	\$3.00	
Plastic	One Broad, One Narrow End	5 long	1-00280-00	\$2.50

SlateHolder

Rugged vinyl carrying case will hold any APH Pocket or Postcard Slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes that fit a 3-ring binder. Measures approximately 3 1/2 x 9 inches.



Saddle-Shaped Stylus

Provides a comfortable grip. Your index finger rests in a concave "dip" in the top of the handle. Plastic stylus with metal point.

1-00120-00.....\$2.50



Slates and styluses sold separately.

1-00082-00.....\$4.50



Perkins Brailer – Now Available to All APH Customers!



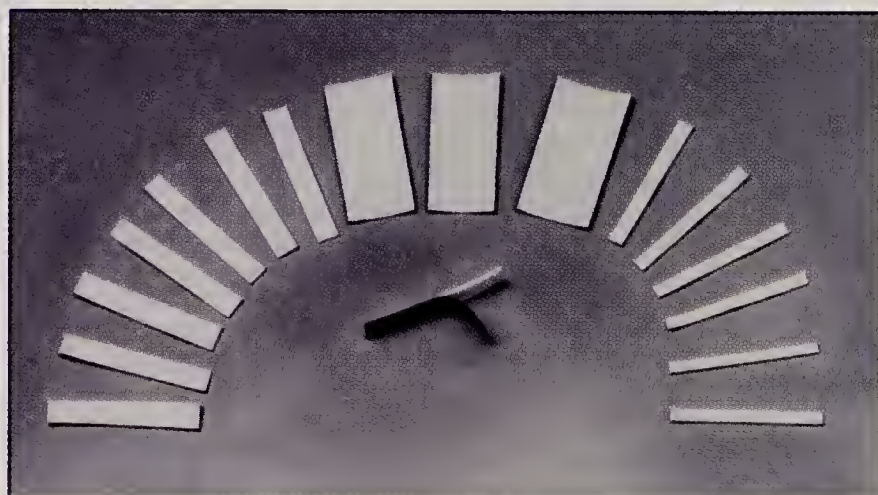
Classic machine is a precision-made brailer which will accommodate paper up to 11 1/2 x 14 inches. Embosses 25 lines of 41 cells on 11 1/2 x 11 inch paper. Frame is aluminum, keys are high-impact plastic. Includes cover, braille eraser, and braille quickstart instructions.

Recommended ages: 3 years and up.

Note: Young children should be supervised during exploration and pre-braille activities.

1-00850-00.....\$725.00

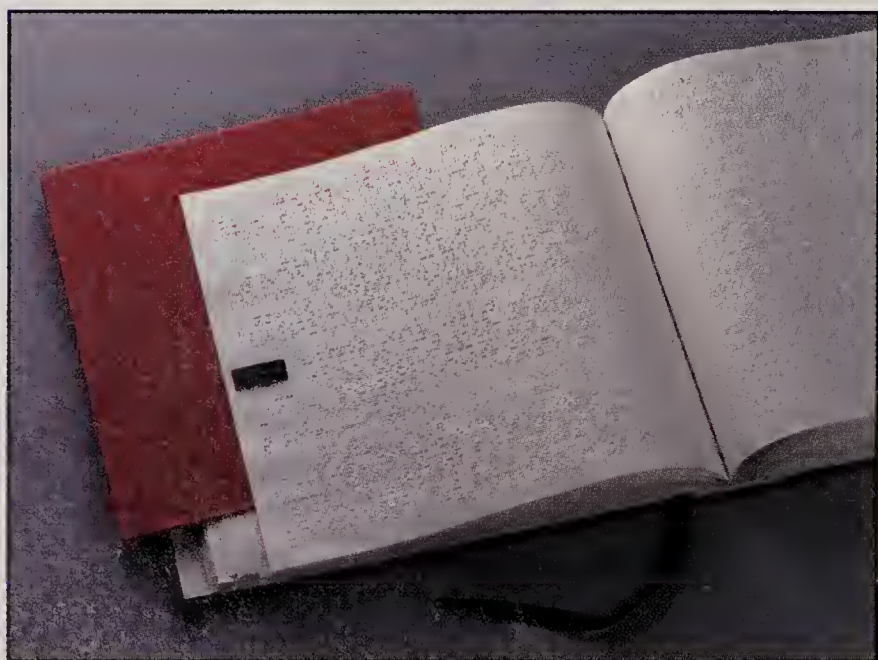
Note: The Perkins Brailer is now available to ALL APH customers! You may purchase the Perkins with any type of funds: check, money order, charge card, purchase order, or Federal Quota order.



APH Friction Pad Kit

Three assorted sizes of self-adhesive, plastic foam strips. Apply to the bottom of devices such as abacuses or desk slates, which tend to slip while in use.

1-03190-00.....\$15.00



Stokes Braille Place Holder

Device marks the spot where you stopped reading on a braille page. Consists of a sheet of brightly-painted metal measuring 11 x 9 1/2 inches and a strip of magnetic plastic. Metal sheet slips under the braille page and the magnet is placed at the last line read.

1-03590-00.....\$15.00

Covers for Braille Documents

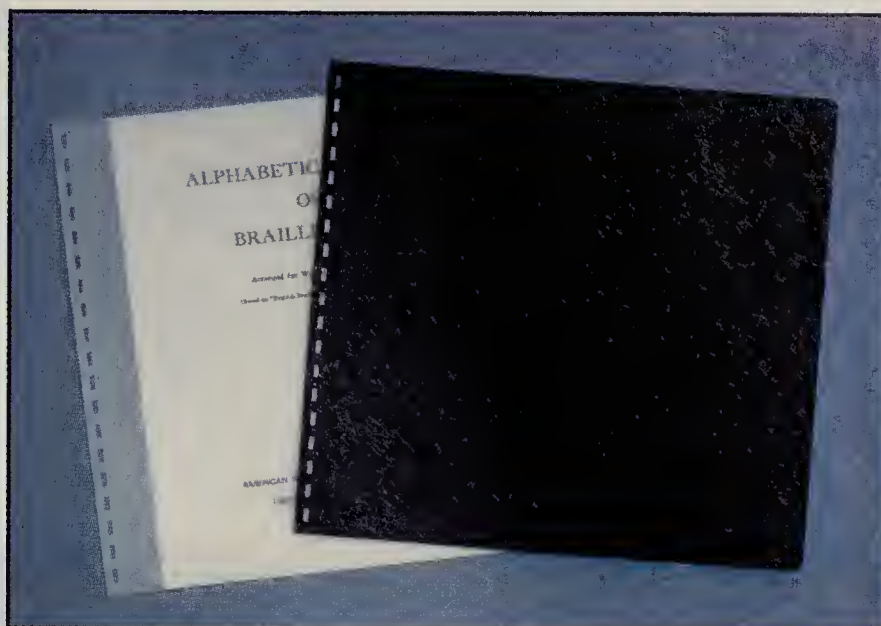
Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

Royal Blue Covers:

1-04010-01.....\$2.50/pair

Clear Frosted Covers:

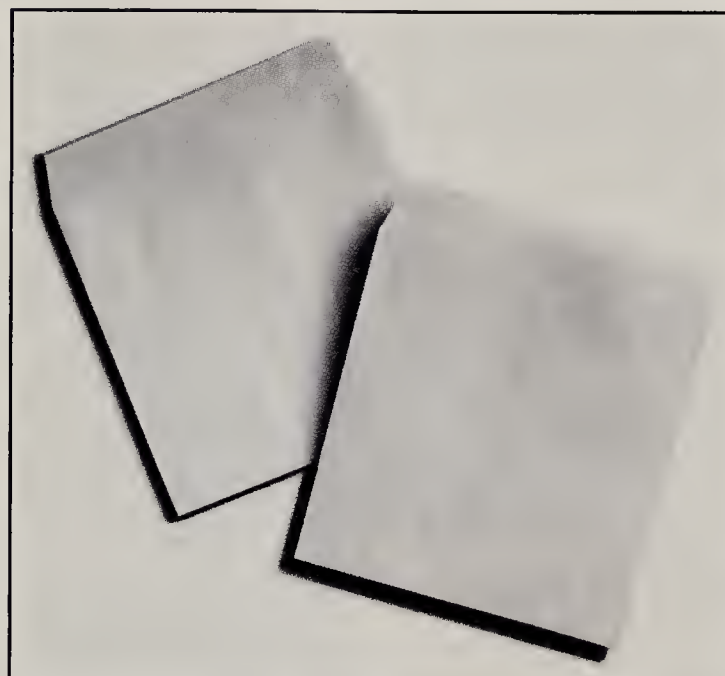
1-04010-02.....\$2.50/pair



Mailing Envelopes for Braille

Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measure 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets. 25 pack.

1-04230-00.....\$5.00



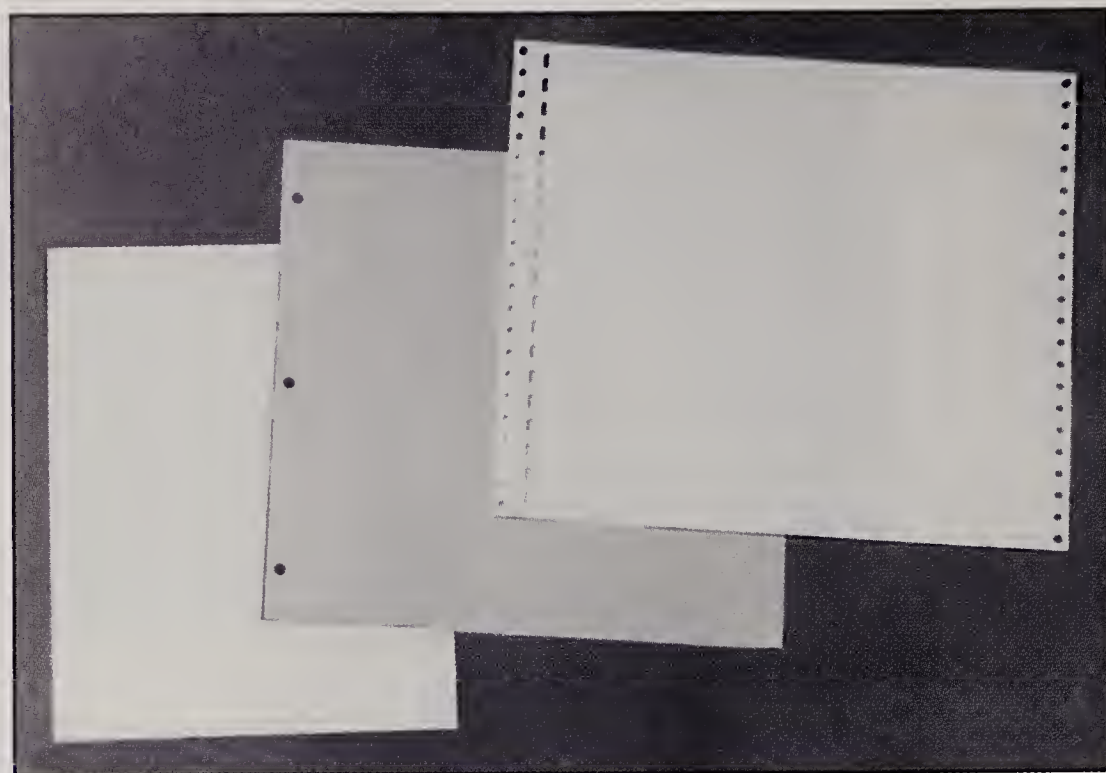
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Braille Paper Chart

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines.

Note: All sheet quantities are approximate; all sizes are in inches.

White Braille Paper

This 80# paper is for use with braille slates and brailers.

3 3/4 x 5 3/4	6-Hole Punch, 250 sheets Fits in Pocket Notebook	1-04390-00	\$5.00
8 1/2 x 11	Unpunched, 200 sheets ... All 28-Cell Slates	1-04151-00	\$6.00
	3-Hole Punch, 150 sheets	1-04401-00	\$5.00
11 1/2 x 11	Unpunched, 150 sheets ... 38 or 41-Cell Slate, or brailer	1-04221-00	\$6.00
	3-Hole Punch, 110 sheets	1-04471-00	\$5.00

White Fanfold Tractor-Feed Braille Transcribing Paper

Low dust. For use with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 100# paper.

11 1/2 x 11	Unpunched, 1000 sheets	1-04139-00	\$46.00
	Both 3-Hole and 19-Hole Punch, 1000 sheets	1-04140-00	\$46.00

Manila Braille Transcribing Paper

Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 x 11	Unpunched, 500 sheets	1-04530-00	\$15.00
	3-Hole Punch, 500 sheets	1-04660-00	\$20.00
11 1/2 x 11	Unpunched, 500 sheets	1-04540-00	\$20.00
	3-Hole Punch, 500 sheets	1-04680-00	\$22.00
	19-Hole Punch, 500 sheets	1-04650-00	\$25.00

Braille Notebooks, Binders, and Dividers

Braille Pocket Folders

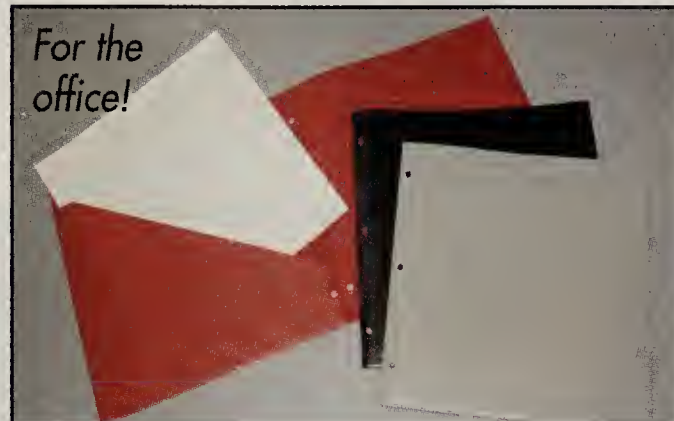
Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-ring binder. Made of durable, flexible plastic.

Braille Pocket Folders, Student Pack
(3 folders, 1 each: green, blue, yellow - match the Floppy Braille Binders):
1-04294-00.....\$8.00

Braille Pocket Folders, Office Pack
(3 folders, 1 each: red, gray, black):
1-04293-00.....\$8.00

Related Product:

Floppy Braille Binders



Floppy Braille Binder

Durable plastic 3-ring binder designed to hold 11 1/2 x 11 braille sheets. Flexes to fit easily into a backpack. Has an inside pocket.

Floppy Braille Binder
(3 binders, 1 each: green, blue, yellow):
1-04295-00.....\$10.00

Related Product:

Braille Pocket Folders



Braille Notebooks, 3-Ring

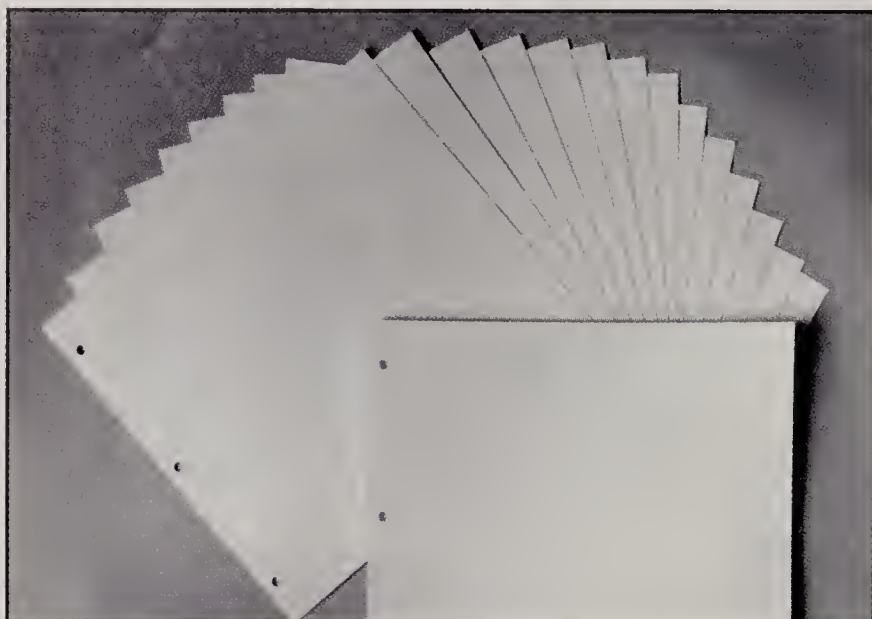
Two popular sizes. Made of heavy-duty board covered with vinyl. Will hold approximately 100 sheets of braille paper.

Azure Blue, for 8 1/2 x 11 inch braille paper
1-04320-00.....\$7.00

Note: Azure Blue Notebook not available on Quota.

White, for 11 1/2 x 11 inch braille paper
1-04380-00.....\$9.00





Dividers for Braille, 3-Hole Punch

Dividers will fit the Azure Blue or the White 3-Ring Braille Notebooks. Are a heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

9 x 11 inches (for Azure Blue Notebook): 1-04225-00.....\$3.50

12 x 11 inches (for White Notebook): 1-04226-00.....\$3.50



Postcard Slate/Stylus and braille filler paper sold separately.

Pocket-Size Notebook, 6-Ring

Bound in imitation leather. Will hold approximately 50 sheets of 3 3/4 x 5 3/4 inch braille paper (not included). Has a pocket designed to hold a Postcard Slate and a cloth page marking strip. Stylus can be tied to the cloth strip.

**Pocket Notebook:
1-04280-00.....\$5.00**

**Filler Paper for Pocket Notebook
(approximately 250 sheets):
1-04390-00.....\$5.00**



Metal rings hold 19-hole braille paper in place.

Krebs' Binders, 19-Ring

Come in three sheet capacities and are made of heavy-duty board covered with imitation leather. Will hold 11 1/2 x 11 inch 19-hole punched braille paper. Binder ring assembly consists of a metal back plate, metal rings, and a locking pin. Pins also sold separately.

Krebs' Binders, 19-Ring:
Capacity-60 sheets 1-04240-00.....\$11.50
Capacity-80 sheets 1-04250-00.....\$13.00
**Capacity-105 sheets
1-04260-00.....\$14.00**

**Locking Pin (pack of 120)
1-04271-00.....\$5.00**

Loose-Leaf Binder, 19-Ring

Binder with a plastic cover, designed to hold 11 1/2 x 11 inch 19-hole punched braille paper. Holds approximately 50 sheets.

1-04290-00.....\$14.00



Spiral Pocket Notebook

Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to handle.

Notebook measures 3 x 5 1/2 inches. Sheets are perforated and measure 3 x 5 inches when removed. Works easily with APH's Janus Slate. Six notebooks per package.

1-04301-00.....\$7.00



Accessible Textbook Initiative
and Collaboration Project

Custom Order Braille Textbooks from ATIC!

- New color covers!
- Unique fold-back bindings!

Contact atic@aph.org

or 1-800-223-1839, ext. 371

Bold Print Paper

Makes it easier for low vision users to write letters, class assignments, etc.

Note: All sheet quantities are approximate; all sizes are in inches.



Boldline Spiral Notebook

Looks like the type all students carry, but has bold line paper inside. Has 100 sheets of 8 1/2 x 11 paper, with 9/16" line spaces. In "surprise" cover colors!
1-04825-00.....\$5.00

Bold Line Notebook Paper

Black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching or in loose sheets punched for a 3-ring binder.

Padded:

8 1/2 x 11	7/16" line spacing, Unpunched, 500 sheets	1-04791-00	\$15.00
	9/16" line spacing, Unpunched, 500 sheets	1-04801-00	\$15.00

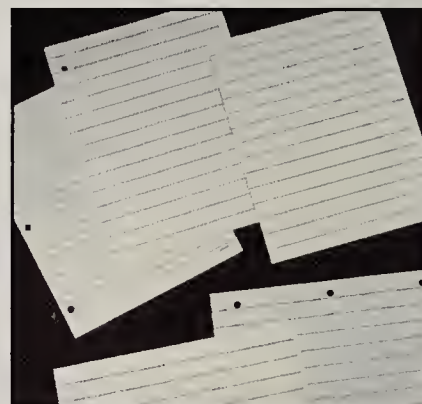
Loose Sheets:

8 1/2 x 11	7/16" line spacing, 3-hole Punch, 500 sheets	1-04851-00	\$15.00
	9/16" line spacing, 3-hole Punch, 500 sheets	1-04861-00	\$15.00

Green-Lined Writing Paper for Primary Students

Off-white paper printed with bold green lines. 300 sheets per package.

8 1/2 x 11	3/4" lines, Unpunched	1-04831-00	\$12.50
	3/4" lines, 3-Hole Punch	1-04869-00	\$12.50
	7/16" lines, 3-Hole Punch ..	1-04872-00	\$12.50
11 x 8 1/2	3/4" lines, Unpunched	1-04841-00	\$12.50
	3/4" lines, 3-Hole Punch	1-04881-00	\$12.50



Bold Line Letter-Writing Paper

Bold, black lines printed on white paper without margin. Padded—500 sheets per pad.

8 1/2 x 11	7/16" line spacing, Unpunched	1-04811-00	\$15.00
	9/16" line spacing, Unpunched	1-04821-00	\$15.00

Antique Ivory Opaque Paper for Large Type

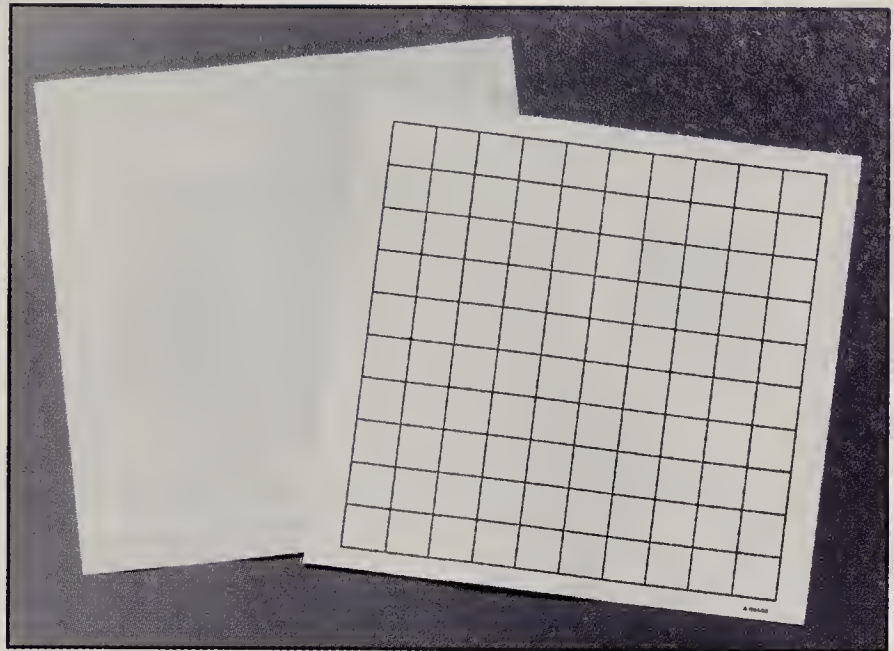
Ivory colored, unlined paper for good contrast—great for photocopying large type documents.

8 1/2 x 11	500 sheets	1-04500-01	\$16.00
11 x 14	500 sheets	1-04500-05	\$20.00
11 x 17	500 sheets	1-04500-00	\$25.00

Graph Sheets and Progress Charts

Bold-line graph sheets have thick unit lines and thinner sub-unit lines. *100 sheets per package.*

Embossed graph sheets have solid line coordinate axes and braille dot grids on manila paper. *Embossed graph sheets and progress charts have 50 sheets per package.*



<u>Squares</u>	<u>Grid</u>	<u>Details</u>	<u>Bold-Line</u>	<u>Embossed</u>
8 1/2 x 11:				
1/4"	31 x 40		1-04062-00...\$10.00	Not Available (NA)
1/2"	15 x 20	Coordinate Axes	1-04061-00...\$10.00	1-04052-00...\$10.00
1/2"	15 x 20	For Bar Graphs	1-04063-00...\$5.00	1-04053-00...\$10.00
3/4"	10 x 13		1-04064-00...\$5.00	1-04054-00...\$10.00
1"	7 x 10		1-04065-00...\$5.00	1-04055-00...\$10.00
11 1/2 x 11:				
1/2"	19 x 20		1-04067-00...\$6.00	1-04056-00...\$10.00
1/2"	18 x 21	1" margin on 3 sides	NA	1-04059-00...\$10.00
3/4"	13 x 13		NA	1-04057-00...\$10.00
1"	10 x 10		1-04069-00...\$10.00	1-04058-00...\$10.00
Progress Charts (vertical axis = % of correct answers, horizontal axis = exercises 1-15):				
Braille	16 x 15	11 1/2" x 11"	NA	1-04050-00...\$5.50
Large Type	16 x 15	8 1/2" x 11"	1-04073-00...\$6.50	NA

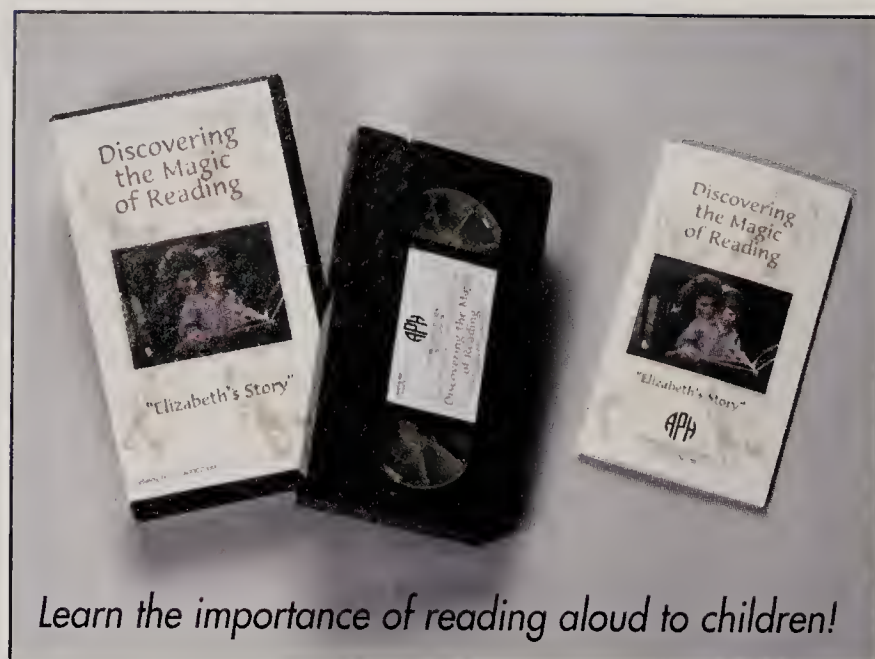
Low-Relief Embossed Graph Sheets

For teachers and transcribers to use in making charts and graphs. Grid is embossed on 80 pound braille paper measuring 11 1/2 x 11 inches with margins. Comes in three varieties. 25 sheets per package.

Squares Grid

1/2"	19 x 19	1-04047-00	\$4.00
5/8"	15 x 15	1-04048-00	\$4.00
3/4"	13 x 13	1-04049-00	\$4.00





Learn the importance of reading aloud to children!

Discovering the Magic of Reading: "Elizabeth's Story"

Video and booklet explore ways that parents and teachers of children with visual impairment can make reading aloud an enjoyable learning experience. Provides a compelling account of the value of reading to young children.

Recommended ages: For parents and teachers of children ages birth to 5 years.

24-minute VHS videotape and booklet:
1-30002-00.....\$22.00

Booklets only (pack of ten):
7-30002-00.....\$10.50



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high-tech products and services,
accessible toys, games, and more?

Visit Fred's Head:
www.aph.org

Expanded Core Curriculum:

Visual Efficiency and Low Vision



Visual Efficiency Skills

The visual acuity of children diagnosed as visually impaired varies greatly. With thorough, systematic training, most students with functional vision can learn to use their remaining vision better and more efficiently. Educational responsibility for performing a functional vision assessment, planning appropriate learning activities for effective visual use, and teaching students to use their functional vision effectively and efficiently falls to the professionally prepared teacher of visually impaired learners.

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Primer™: Your First Electronic Magnifier

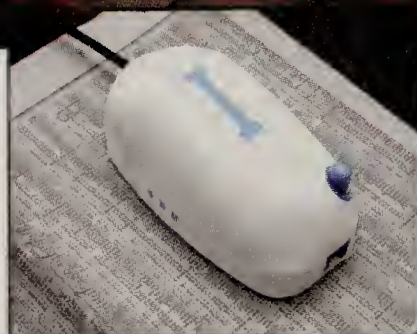
Primer™ is offered by APH and Innoventions, Inc., the people who brought you the Magni-Cam Electronic Magnifier. Primer is similar to the black and white Magni-Cam, but

is a simpler, entry-level model at an affordable price.

Primer is a light-weight, hand-held electronic magnifier that connects in minutes to any television set. Magnification depends on the size of your TV. For example, a 20 inch TV will let you magnify from 8X to 15X.



Turn your TV into an electronic magnifier!



Features

- Displays normal, positive enhanced, or negative enhanced images
- Lightweight, easy to hold camera/controller
- CCD camera, auto focus, lifetime lamps, tracking roller, one-button control
- Automatic switching between TV viewing and magnification

Primer Electronic Magnifier:
1-03929-00.....\$295.00

Note: Not available for purchase with Federal Quota funds. Shipping charge added - please call for more information.

Magni-Cam™ Electronic Magnifier

Note: Not available on Federal Quota.

Affordable electronic magnifier from Innoventions, Inc. Two models available:

- Model that displays black & white only
- Triad model that displays color, enhanced color, or black & white

Consists of a hand-held camera that connects to a TV set or computer monitor (commercially available adapter needed for computer). View enlarged documents on screen, such as photographs, medicine labels, stock quotes, etc.

Features

- Lightweight hand-held camera/controller.
- Built-in lifetime lamps.
- Variable magnification with autofocus.
- Magnification: Maximum 2 times screen size to minimum 1/3 screen size. For example, a 27 inch TV lets you magnify from 9X to 54X.

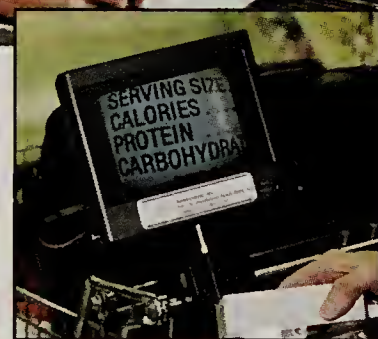
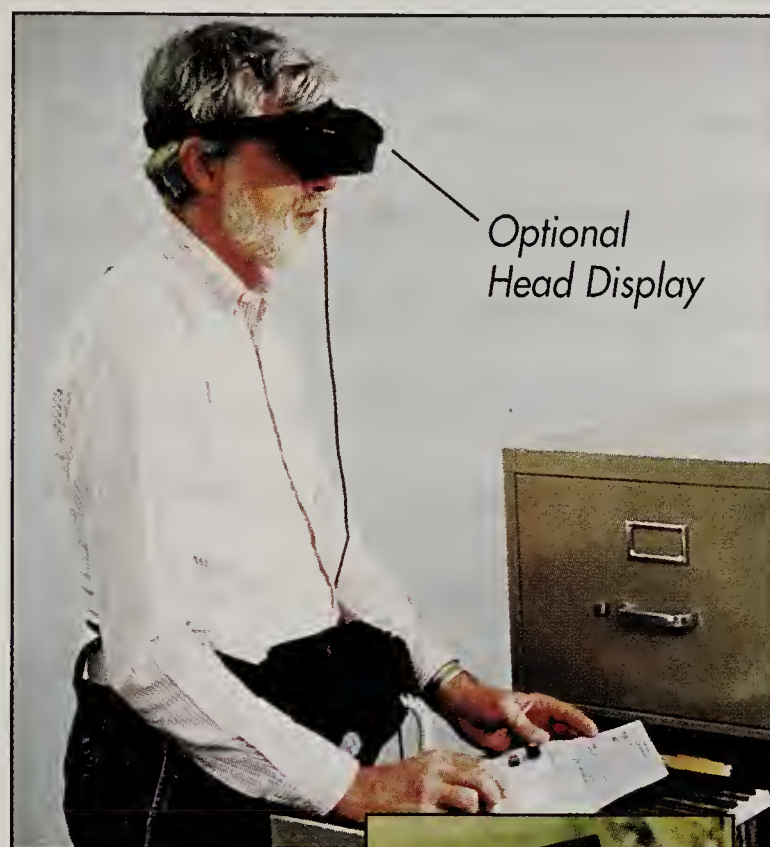
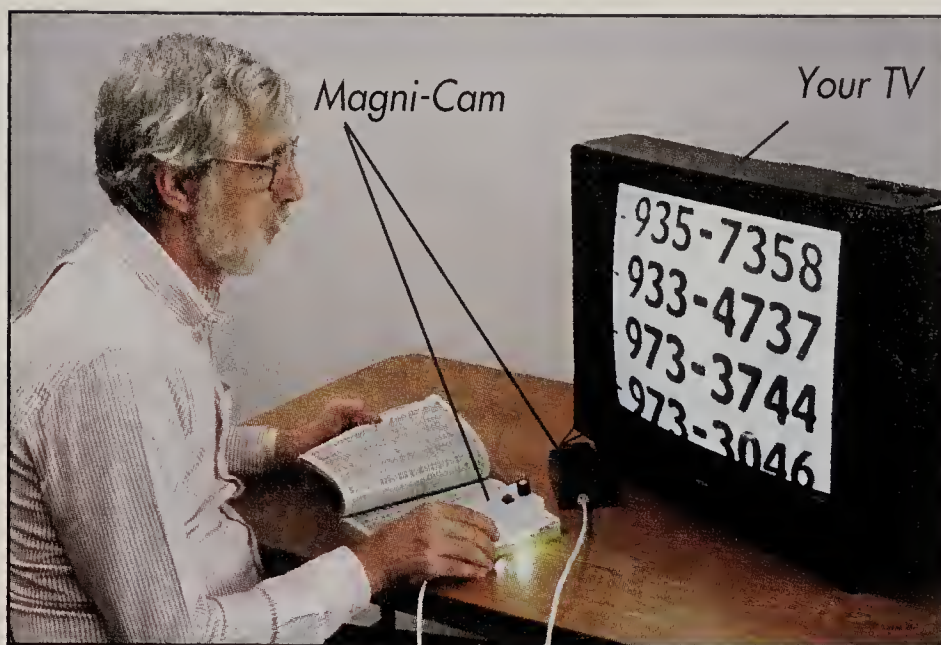
Included with Either Basic Magni-Cam Model

- Camera/Controller and Video Processor Box
- Cable for connecting to your TV or computer (adapter needed for computer)
- Power adapter (optional 220 volt power supply available for overseas use)
- Spacer blocks for instant magnification adjustment and writing under the camera
- Rollers for easy tracking across a page
- Instructions in large type and on videotape
- One year warranty

Optional Portable Displays

Note: Portable displays will work with wall power or with a rechargeable battery pack, purchased separately.

- Head Display is light-weight and rests on your forehead. Places a magnified image in front of your eyes that is equivalent to a 20 inch TV viewed from a distance of 3 feet.



Optional Flatscreen

continued on next page

Visual Efficiency and Low Vision continued

continued from previous page

- Flat-screen Display measures 6 1/2 inches diagonally, and produces bright image with a magnification of 5X to 25X at a 12 inch viewing distance.

Note: *Either basic Magni-Cam model requires a video display.*

Magni-Cam Black & White Model: 1-03920-00.....\$695.00

Magni-Cam Triad Color Model: 1-03928-00.....\$995.00

Optional Items for Either Model:

Carrying Case for Basic Magni-Cam Parts: 1-03921-00.....\$10.00

Table Clamp for doing hands-free work under the camera: 1-03922-00.....\$15.00

Head Display with Case: 1-03923-00.....\$1,200.00

Flatscreen with Case: 1-03924-00.....\$1,200.00

Battery Charger / Battery: 1-03925-00.....\$600.00

Extra Battery: 1-03926-00.....\$120.00

220 Volt Power Supply (for overseas): 1-03927-00.....\$25.00

Note: *Not available on Federal Quota. Shipping charge added - please call for more information.*



ZoomView

Simple, low-cost video display magnifier. Use with a computer monitor or a television.

Uses the latest in Fresnel optics, a type of flat plastic magnifier. Can be used for video screens up to 25" diagonal measurement. Self-standing table-top model. Magnification up to 60% larger than the original image. Instructions in large print.

ZoomView: 1-03919-00.....\$39.00

Note: *Not available for purchase with Federal Quota funds.*

RollBuster

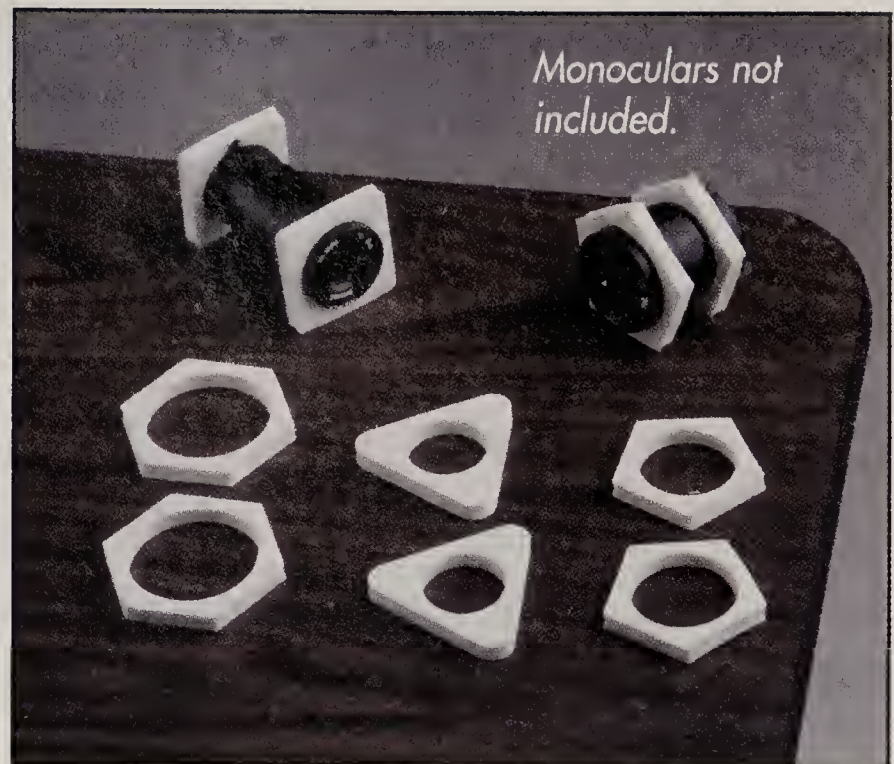
The original RollBusters from APH are foam rings that keep your monocular from rolling away and provide some protection from impact.

The RollBuster rings come in pairs. You supply your own monocular. You place one ring around each end of your monocular. The rings friction-fit to the monocular and have flat surfaces on their outside edge so that the monocular is prevented from rolling.

RollBusters come in a set of five pairs, with four different sizes. The sizes of the inside diameters are: triangles – 25 mm; squares – 28 mm; pentagons – 30 mm; and hexagons – 40 mm (there are two pairs of the 30 mm size).

RollBuster (set of five pairs):

1-03195-00.....\$5.00



RollBuster II

Keep monoculars in reach during classroom activities, while protecting them from rolling. RollBuster II mini-bags also provide some impact protection.

Comes in two kid-friendly styles. The mini-duffel bag fits monoculars up to 4 inches in length and up to 1 1/2 inches in diameter. The mini-backpack fits monoculars up to 5 inches in length and up to 1 3/4 inches in diameter or a monocular which is oval or irregular in shape.

Bag has a strip of extra hook / loop material stitched to its underside to allow attachment to a flat surface.



Pen shows size of RollBuster II mini-bags.

RollBuster II Mini-Backpack:

1-03196-00.....\$5.00

RollBuster II Mini-Duffel Bag:

1-03197-00.....\$5.00



APHont™

A Font for Low Vision

APH Creates a New Font

APHont (pronounced Ay'-font), was developed by APH specifically for low vision readers. APHont includes features that aid in optimal reading speed, comprehension, and comfort.

How You Can Receive APHont Regular

The APHont Regular typeface is the first part of a font suite that will also include APHont Bold, Italic, and Italic Bold. APH offers APHont Regular through free distribution. Note: When the complete APHont Suite is available, it will be sold as an APH product.

APHont Regular is currently available as a PC font, with a Macintosh® font coming soon. Download your free copy at: www.aph.org. If you do not have Internet access, request a free PC-formatted floppy disk containing APHont Regular: call 1-800-223-1839, select the "Request a Catalog" option, say that you want the APHont Regular disk, and leave us your mailing address.

You can copy APHont Regular to distribute to your friends at no charge. Please note: APHont is trademarked material. APHont may not be altered or copied for sale without express written permission from APH.

Note: APH makes no claim that APHont is an appropriate font for children who are just learning to read.



Let's See Sensory Kit

Let's See: Vision Development Activities

Let's See is a revised and updated program designed to develop visual skills in young visually impaired and multihandicapped children.

Two stages, sold separately, are:

Sensory Activities Kit: Builds basic visual skills essential to concept development. Includes materials that utilize daylight, dim light, and flashlight activities to engage initial visual interest and keep and localize visual attention.

Perceptual Activities Kit: Builds on Sensory Activities to help students develop visual-perceptual and visual-discrimination proficiency. Brightly-colored, glowing, and flashing materials are used in these activities.

Let's See: Vision Development Activities:

Sensory Activities Kit
Includes large print manual
1-08141-00.....\$265.00

Perceptual Activities Kit
Includes large print manual
1-08151-00.....\$345.00

Manuals Available Separately

**Sensory Activities Manual,
Large Print Edition**
7-08141-00.....\$29.00

Sensory Activities Manual, Braille Edition 5-08141-00.....\$29.00

Sensory Activities Manual, Cassette Edition C-08141-00..... \$24.00

Perceptual Activities Manual, Large Print Edition 7-08151-00.....\$29.00

Perceptual Activities Manual, Braille Edition 5-08151-00.....\$29.00

Perceptual Activities Manual, Cassette Edition C-08151-00..... \$24.00

UltraLenses Are Also Available Separately (see next page)



Let's See Perceptual Kit



UltraLens Adult (can be worn alone, or over spectacles): 1-08175-00.....\$9.00

UltraLens

Black lights, which generate both UV and blue light, are sometimes used in vision development activities. UltraLens glasses screen out 100% of UV and blue light while still allowing the wearer to see the “glow” of materials as they fluoresce. A soft case is included with each UltraLens.

Note: Filters like the UltraLens should always be worn by both the practitioner and the child during exposure.

UltraLens Infant with Headstrap:
1-08177-00.....\$17.00

UltraLens Jr. with Headstrap:
1-08176-00.....\$17.00

UltraLens Jr. Clip-On (for the child who wears spectacles): 1-08178-00.....\$17.00



Light Boxes

When they are used with unique sets of materials, these light boxes stimulate awareness of light, color, and objects and assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

Light Box

Has a lighted translucent white work surface, providing a high contrast background for

opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control to meet the needs of individual students.

Can be used flat or tilted at three angles. Built-in ledges hold overlays in position. Cool, fluorescent bulb is housed in a tough plastic body measuring 25 x 15 x 5 inches. Includes cover. Weight: 13 1/2 lbs.

Recommended for all ages.

Light Box: 1-08660-00.....\$366.00

Mini-Lite Box

This cousin to APH's Light Box is:

- Small and light
- Usable at a student's desk or on his/her lap

Operates for 3-4 hours on included rechargeable batteries or can be plugged in with the included AC adapter. Dimming control. Low battery audio signal. Ledges hold overlays in place. Built-in combination handle / tilting stand.

- Measures 16 x 12 3/4 x 2 1/2 inches
- Weight: 6 lbs.

Mini-Lite Box: 1-08661-00.....\$160.00

Items Available Separately

Mini-Lite Carrying Case has roomy pockets to hold overlays and other materials. Sold separately.

1-08668-00.....\$25.00



Replacement AC Adapter:
1-08661-05.....\$8.50

Mini-Lite Transparent Overlays: includes one clear overlay, four colored overlays, and a sheet of clear, flexible, plastic.
1-08662-00.....\$10.00

Note: Most Light Box Materials in the three levels can be used with the Mini-Lite Box.

Light Box Materials: Level I

First of three sets of teaching materials for use with APH's Light Box. Materials help teach basic visual skills, eye-hand coordination, and simple matching skills. Level I includes:

- Bright colored, solid, and patterned overlays designed to stimulate awareness of light, patterns, and objects
- A spinner with two different patterns that encourages localization and reaching
- A variety of transparent and translucent colored and opaque items for practice in eye-hand coordination and matching
- Suction-cup handles for manipulation of small pieces
- Guidebook with over 90 activities
- Carrying bag



Recommended ages: birth to 4 years.

Light Box Materials: Level I:
1-08670-00.....\$355.00

Activity Guide for Level I only:
Print Edition: 7-70010-00.....\$25.00
Cassette Edition: C-70010-00.....\$5.00



Light Box Materials: Level II

Helps in teaching matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills. Level II contains:

- Over 400 items, including brightly-colored transparent and translucent shapes, pictured objects, stencils, and cutouts
- Worksheets
- Blackout background sheet and clear nonslip work surface sheet
- Guidebook with over 100 activities
- Carrying bag

Recommended ages: 3 to 5 years.

Light Box Materials: Level II: 1-08680-00.....\$470.00

Activity Guide for Level II only:

Print Edition: 7-70020-00.....\$34.00 • Cassette Ed.: C-70020-00.....\$5.00



Light Box Materials: Level III

Help students develop: prewriting and handwriting, matching and sorting, recognition and identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships. Level III includes:

- Over 400 items, including dozens of picture and letter cards
- Five types of game trays
- Blackout background sheet and clear nonslip work surface sheet
- Guidebook with over 100 activities
- Carrying bag

Recommended ages: 4 to 6 years.

Light Box Materials: Level III: 1-08690-00.....\$750.00

Activity Guide for Level III only:

Print Ed.: 7-70030-00.....\$32.00 • Cassette Ed.: C-70030-00.....\$5.00

Ordering & Info: www.aph.org or 1-800-223-1839

For Use with Both the Mini-Lite Box and the Light Box:

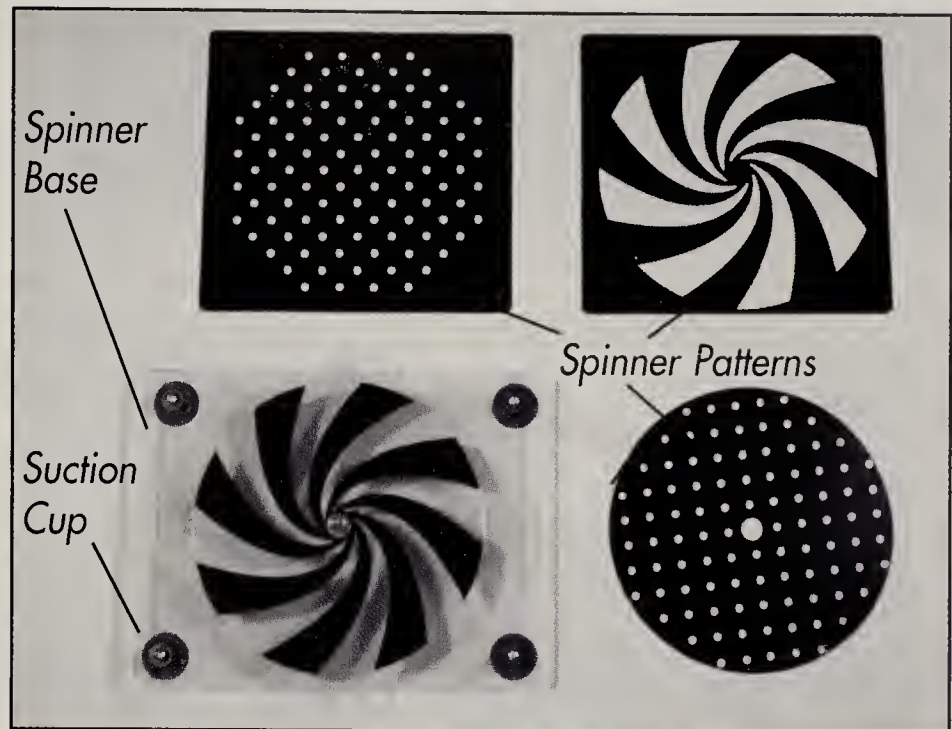
Light Box Materials from Levels I and II for Separate Purchase

The following selected items from Light Box Materials Levels I and II can be used with the Mini-Lite Box and Light Box. Sheets of activities grouped by skill accompany each item.

Plexiglas® Spinner and Spinner Patterns

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet.

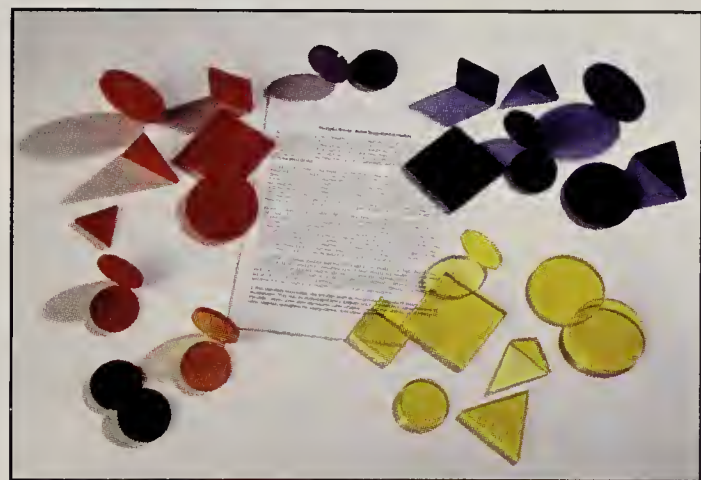
1-08664-00.....\$54.00



Plexiglas® Blocks

Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. 30 pieces in six colors and three shapes.

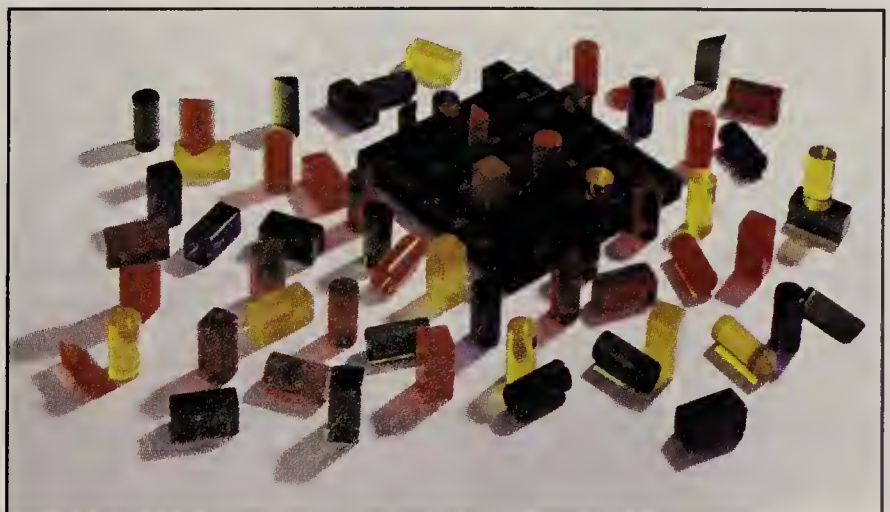
1-08663-00.....\$26.00

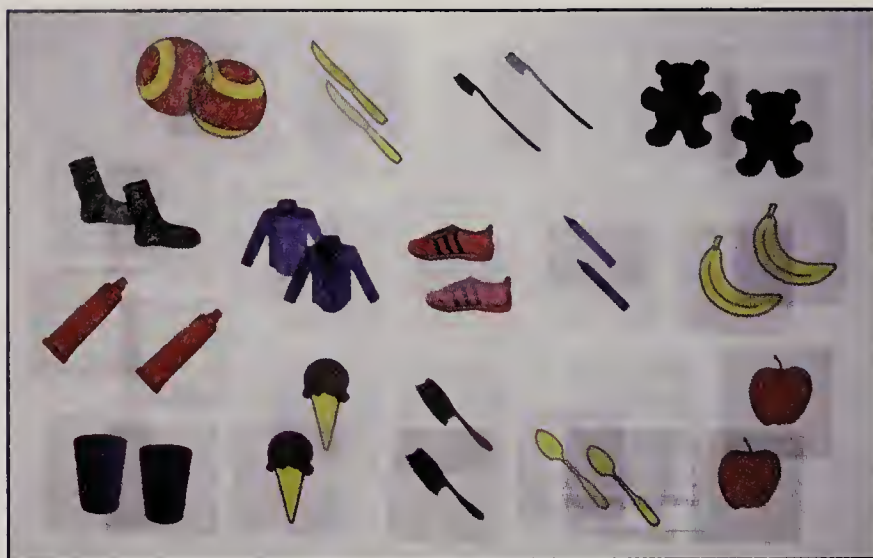


Pegs and Pegboard

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

1-08665-00....\$65.00





Familiar Object Pictures

Colored translucent pictures of 15 household objects are provided in pairs (30 pairs total) for matching and identification. On clear plastic cards measuring 6 x 6 inches.

1-08666-00.....\$32.00



Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. On clear plastic cards measuring 4 x 4 inches.

1-08667-00.....\$18.00



Program to Develop Efficiency in Visual Functioning

Helps train students to use their vision more efficiently. Two interrelated kits make up this program:

The Diagnostic Assessment Procedure Kit identifies specific training needs, while the Design for Instruction Kit contains lessons and materials for vision training.

Recommended ages: 3 years and older.

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Program to Develop Efficiency in Visual Functioning (both kits): 1-08530-00.....\$590.00

Items available separately:

Volume I, Diagnostic Assessment Procedure only: 8-16040-00.....\$16.00

Volume II, Design for Instruction only: 8-16070-00.....\$15.00

**Addendum (includes the revised Source Book on Low Vision; the new Volume III, Design for Instruction for Learners with Developmental Delays; and 55 new lesson cards):
8-16030-00.....\$52.00**

**Low Vision Observation Checklists & Diagnostic Assessment Procedure Record
Booklets (10 of each): 8-16050-00.....\$28.50**

OccluderPop Pack

A "lollipop" style occluder for blocking the vision of one eye while testing the other. Included with the ISAVE Kit, 7-96160-00.

**OccluderPop Pack (3 occluders):
1-96160-00.....\$5.00**



Seated Parquetry Set

Stimulates residual vision and helps to develop visual efficiency. Students master visual discrimination, eye-hand coordination, part/whole concepts, matching skills, and visual memory skills. Uses recessed form boards that can be raised to the eye while holding the parquetry pieces in place. Includes:

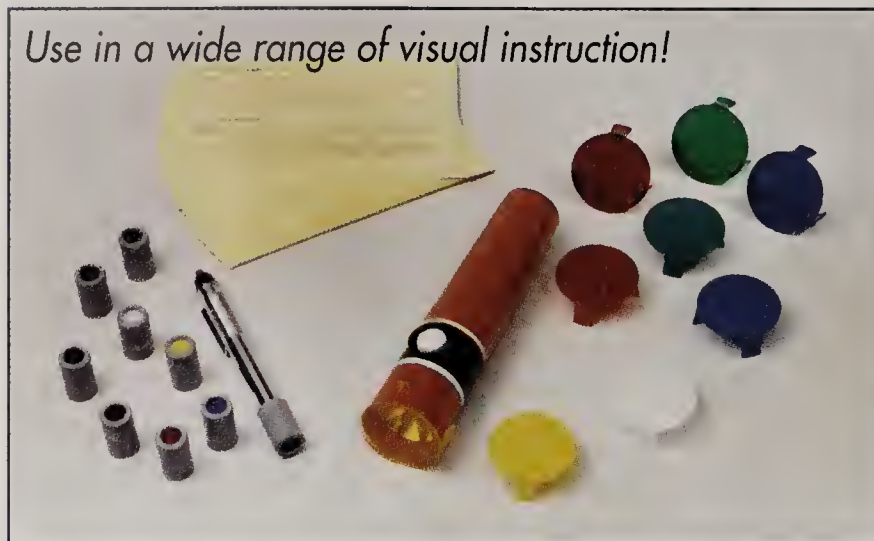
- Ten color-coded form boards measuring 8 x 8 inches for matching tasks
- Ten unmarked form boards measuring 8 x 8 inches for advanced concepts
- Ten color-coded stimulus cards measuring 8 x 8 inches

Contains over 100 nonbreakable, washable pieces in six colors and shapes. Recommended ages: 3 years and older.

Seated Parquetry Set: 1-03650-00.....\$75.00



Use in a wide range of visual instruction!



Penlight with Color Caps and Flashlight with Color Discs

Designed to help students develop visual awareness and visual tracking skills, this kit can be used in a wide range of instruction. Includes:

- One penlight and one flashlight
- Five translucent and four transparent color lenses for each light source
- Activity cards

Recommended ages: all ages. Batteries not included.

1-08390-00.....\$36.00



Variable Intensity Study Lamp

Low vision students and adults can get adjustable lighting needed to illuminate their work. Lamp has a 9-foot power cord for reaching classroom desks. Weight: 16 lbs.

Recommended ages: all ages.

1-08940-00.....\$128.00



Individual Study Screen (ISS)

Allows low vision students to view films and slides close up.

A rear-projection technique is used to enable one student to get as close to the screen as he or she requires. Constructed of tough plastic, screen measures 13 x 10 1/2 inches. Image is projected on a frosted plastic insert.

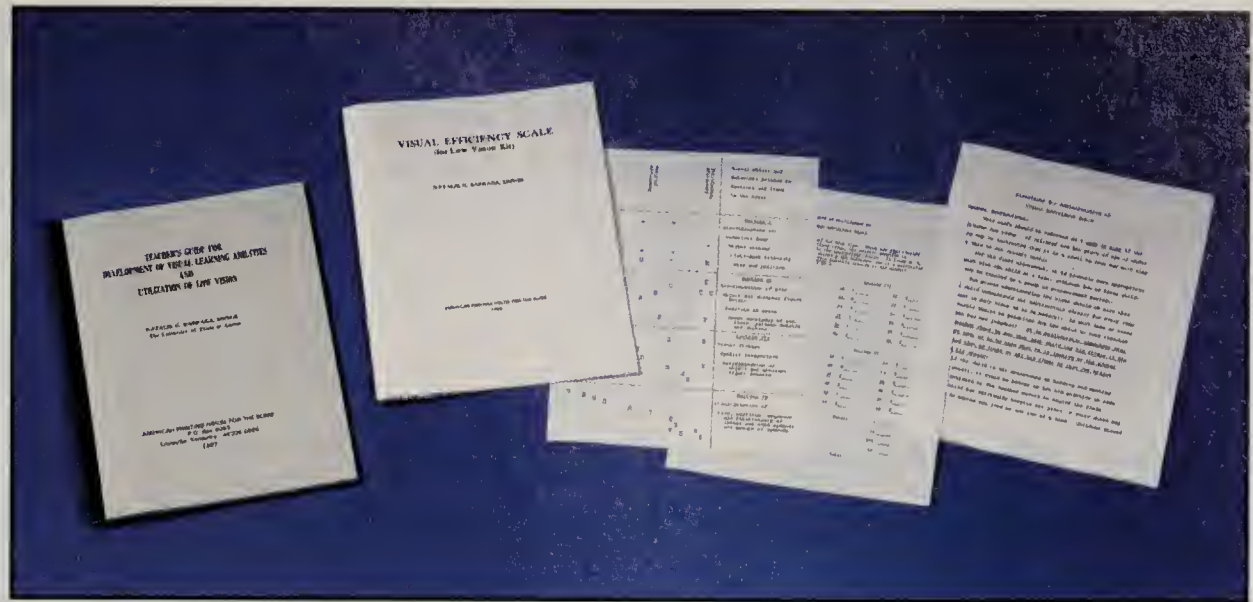
Recommended ages: 6 years and older.

1-03300-00.....\$21.00

Materials on Utilization of Low Vision (ULV) - Diagnostic Kit

Designed to determine if a student's residual vision is being fully utilized. Consists of two kits purchased separately.

Recommended ages:
5 years and older.



Teacher's Kit includes: • A Teacher's Guide • Visual Efficiency Scale and Directions for Administration • Profile of Visual Skills and Behavior • Record of Performance on Visual Efficiency Scale

Visual Efficiency Scale Kit includes: Directions for Administration of Visual Efficiency Scale • Ten Visual Efficiency Scales • Ten Profiles of Visual Skills and Behavior • Ten Records of Performance on Visual Efficiency Scales.

Materials on Utilization of Low Vision (ULV) Teacher's Kit: 8-50600-00.....\$16.50

Materials on Utilization of Low Vision (ULV) Visual Efficiency Scale Kit:
8-50590-00.....\$16.50

Three Different APH Catalogs Are Available!

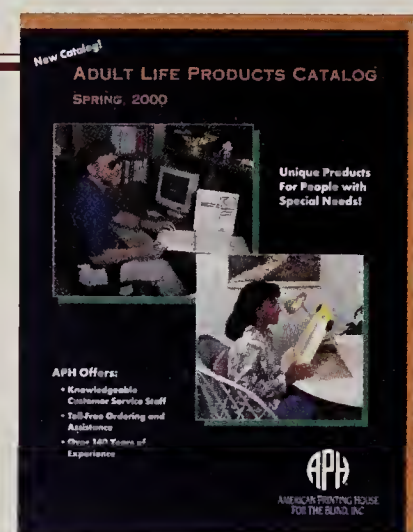
- **APH Products Catalog, 2002-03** - our complete line of products
- **APH Catalog of Accessible Books, 2000-01**
plus the *Supplement, Spring 2001* (contains mostly textbooks)
- **APH Adult Life Products Catalog, Spring 2000**
- products for everyday living

Each catalog is available in print and one or more accessible media.

Call toll free 1-800-223-1839
to request the catalog that best meets your needs.

Also, check our Web site for product information—
and now U.S. customers can order on-line!

www.aph.org



Expanded Core Curriculum:

Orientation and Mobility (Concept Development)



Orientation and Mobility

This is a vital area of learning, which requires delivery by teachers with specific preparation. It emphasizes the fundamental need and basic right of visually impaired people to travel as independently as possible, enjoying and learning to the greatest extent possible from the environment through which they are passing. Students will need to learn about themselves and the environment in which they move — from basic body image to independent travel in rural areas and busy cities.

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Picture Maker: Wheatley Tactile Diagramming Kit

Fun, colorful tactile board can be used for numerous educational activities!

Includes a felt covered board measuring 21 1/2 x 11 1/4 inches, and a wide variety of Velcro®-backed pieces that attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra "hook" Velcro material provided for helping create additional tactile pieces.



Example activities: • Mapping: streets, bus routes, classrooms • Charting: flow charts of organizations, processes • Basic concepts: shapes, numbers, spatial relationships, etc. • Art activities

Guidebook includes suggestions for use and example layouts in print and raised-line graphic form. The guidebook is a large print/braille publication.

Picture Maker: Wheatley Tactile Diagramming Kit: 1-08838-00.....\$99.00

Guidebook only (large print/braille): 6-08838-00.....\$16.00

Note: Do not allow children ages 3 and under to use Picture Maker without adult supervision. This product contains small parts which could cause choking.



Flat geometric forms of 27 different shapes and sizes (104 total).

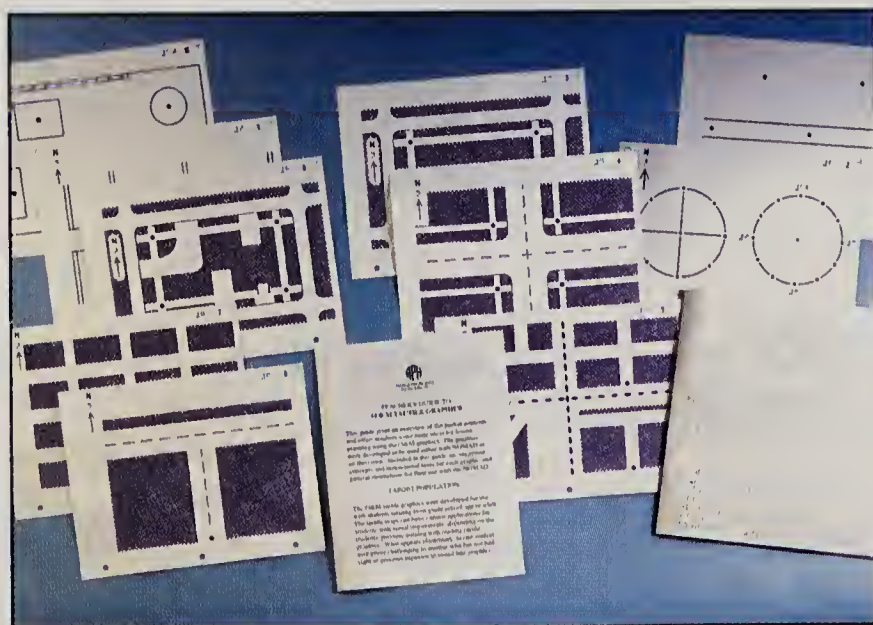
Chang Tactual Diagram Kit

Tactile aid for teachers of orientation & mobility, and other curricula. Construct diagrams and maps using bright yellow plastic pieces that adhere to a dark felt board. Includes print guidebook and carrying case.

Recommended ages: 6 years and older.

Chang Kit: 1-03130-00.....\$170.00

**Print Instructional Guidebook only:
7-21900-00.....\$24.00**



O & M Tactile Graphics

Tool for helping teach orientation and mobility concepts: compass directions, clock locations, and navigating outside and inside. Contains:

- 10 puff-ink tactile graphics
- Teacher's Guide in print and in braille

Teacher's Guide gives you basic ideas for lesson planning using the graphics, suggested concepts and instructional hints for each graphic.

Recommended ages: 8 years and up.

**O & M Tactile Graphics:
1-20100-00.....\$46.00**

Expanded Core Curriculum: Assistive Technology and Electronics



Technology

Technology is a tool to unlock learning and expand the horizons of students. It is not, in reality, a curriculum area, but it is added to the expanded core curriculum because of the special place it occupies in the education of blind and visually impaired students. Technology can be a great equalizer. It enhances communication and learning and expands the world of blind and visually impaired persons in many significant ways.

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Handi-Cassette II Stereo Tape Recorder/Player

Listen to Talking Books or commercial cassettes as well as record tapes with this portable "walkabout" unit.

Features:

- Digital Pitch Control (DPC): Increase or decrease rate of listening without unpleasant change in voice pitch
- Play and record on 2 or 4 tracks. Play and record at 1 7/8 inches per second or 15/16 ips (Talking Book speed)
- Built in mono speaker and microphone
- Stereo playback through included headphones

- Tactile symbols on controls and touch checking of tape movement
- Power: wall outlet or included rechargeable batteries or regular AA batteries

Included:

- Stereo headphones
- AC power converter / recharger
- Rechargeable battery pack
- AA battery clip
- Manual in print and on cassette
- Print and braille quickstart instructions
- One year limited warranty

Recommended for all ages.

- Dimensions: 6 3/4 x 4 3/8 x 2 1/4 inches
- Weight: 1.5 lbs.



Small, "walkabout" Talking Book player/recorder packed with features!

Handi-Cassette II (U.S. Model):

1-07085-00.....\$170.00

Handi-Cassette II (International Model):

1-07085-01.....\$160.00

Note: The Handi II International does not come with an AC power converter. Customers must supply their own power converter that is compatible with their country's electrical system. This power converter must have an output of 6 volts DC at 200 milliamps and have

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a plug with a 5.5 mm outside diameter and a 2.1 mm inside diameter, inside negative.

Two-Year Extended Warranty for Handi II:
1-07087-00.....\$50.00

Note: *Extended warranty covers the machine only, NOT accessories that come with it. Must be ordered within 90 days of ordering machine.*

Accessories for the Handi-Cassette II:

Optional Carrying Case:
1-07084-00.....\$18.00

Replacement Ni-Cad Battery:
1-07081-00.....\$12.00

Replacement Battery Clip:
1-07086-00.....\$8.00

Replacement Instructional Cassette:
1-07083-00.....\$2.50



Table Top Cassette Tape Recorder/Player

Listen to Talking Books or commercial cassettes as well as record tapes with this portable table-top unit.

Features:

- Digital Pitch Control (DPC): Increase or decrease rate of listening without unpleasant change in voice pitch
- Play and record on 2 or 4 tracks. Play and record at 1 7/8 inches per second or 15/16 ips (Talking Book speed)
- Built in mono speaker and microphone
- Stereo playback through optional headphones
- Tactile symbols on controls and touch checking of tape movement
- Power: wall outlet or included rechargeable battery pack

Included:

- AC power cord built in
- Rechargeable battery pack
- Manual in print and on cassette



Desk model Talking Book player/recorder loaded with features!

- Print and braille quickstart instructions
- One year limited warranty.

Recommended for all ages.

- Dimensions: 9 3/8 x 11 1/8 x 3 inches
- Weight: about 4 1/4 lbs.

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**Table Top Cassette Tape Recorder/Player
~ U.S. Version (Model 5198A):
1-07150-00.....\$225.00**

International Models (no adapter needed):

**Table Top Recorder/Player ~ United
Kingdom Version (Model 5198AE):
1-07150-01.....\$225.00**



**Table Top Recorder/Player ~ European
Version (Model 5198AS):
1-07150-02.....\$225.00**

**Two-Year Extended Warranty for Table
Top Recorder/Player:
1-07151-00.....\$75.00
Must be ordered within 90 days of
ordering machine.**

**Accessories for the Table Top
Recorder/Player**

**Optional Carrying Case with Shoulder
Strap: 1-07010-00.....\$12.00**

**Replacement Ni-Cad Battery:
1-07070-00.....\$24.00**

**Replacement Instructional Cassette:
1-07152-00.....\$2.50**

Speech Expressor™

Add speech compression to your older APH or NLS Talking Book tape player! This allows you to increase or slow the rate of listening without an unpleasant change in voice pitch.



Features

- Compact size, housed in a portable case with built-in speaker
- Easy to use: plugs in to the earphone jack of the audio source, uses simple controls
- One year limited warranty

Included Items

- User-replaceable rechargeable AA batteries
- Power supply / recharger
- Headphone jack
- A cable with a 3.5 mm mono plug
- Adapters for 3.5 mm stereo and 1/4 inch mono jacks
- A manual in print and on cassette plus a braille quickstart sheet

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Compatibility

The Speech Expressor is compatible with any tape player having a variable speed control.

Speech Expressor (U.S.):
1-07050-00.....\$125.00

Speech Expressor (international):
1-07050-01.....\$120.00

Note: The International model does not come with a power converter. Customers supply their own converter that is compatible with their country's electrical system. This power converter must have an output of 9 volts DC at 300 milliamps and have a plug with a 5.5 mm outside diameter and a 2.1 mm inside diameter (inside negative), with a 10 mm plug length.

Induction Neck Loop

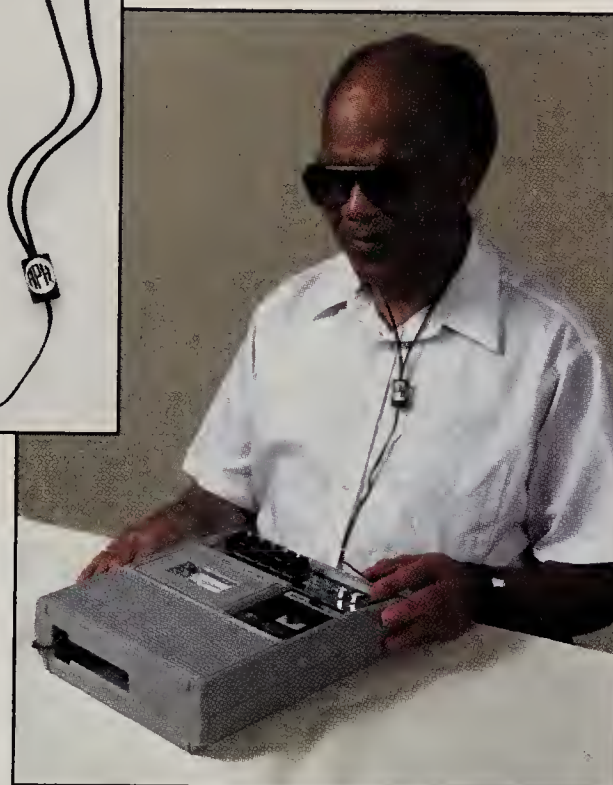
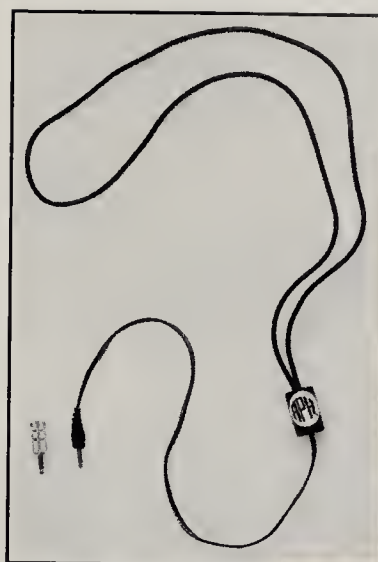
Improve your understanding of voices on tape!

Some hearing aids have a built-in device called a "telecoil." The telecoil can receive a signal from APH's Induction Neck Loop, which consists of a wire loop that the user places around his or her neck.

The Neck Loop plugs into the 3.5 mm headphone jack of an APH cassette recorder/player. You then switch your hearing aid to the telecoil setting. Many hearing aid users find this direct signal improves their understanding of voices on tape.

Check with your hearing aid dispenser if you are not sure whether your hearing aid has a telecoil.

Induction Neck Loop: 1-07095-00.....\$38.00



**Improve your understanding
of voices on tape!**

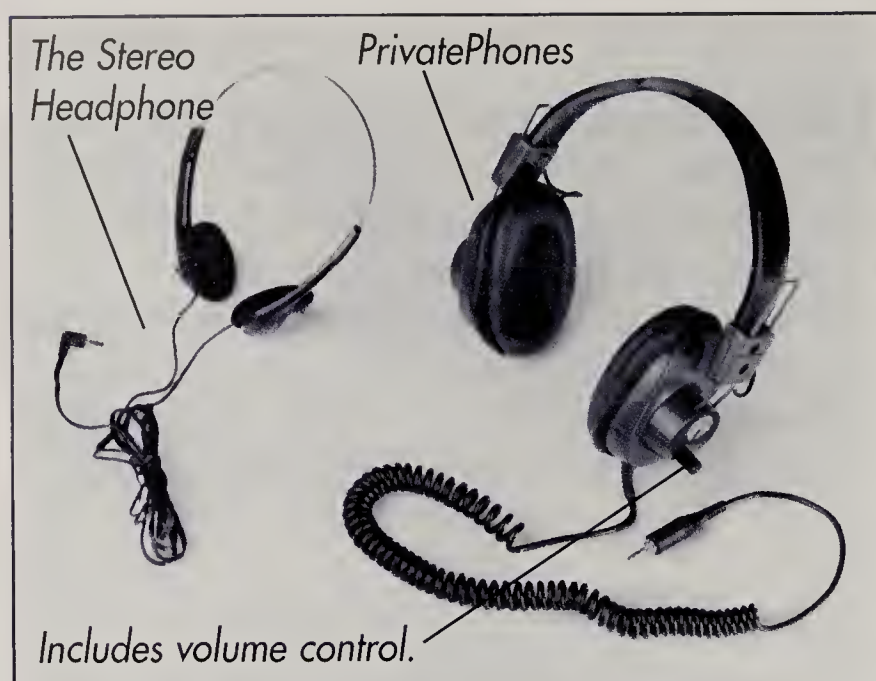
AMP

**Accessible Media
Producers Database**

The Power To Create Accessible Books

**Find The Right
Accessible Media
Producer for
Your Job!**

www.aph.org

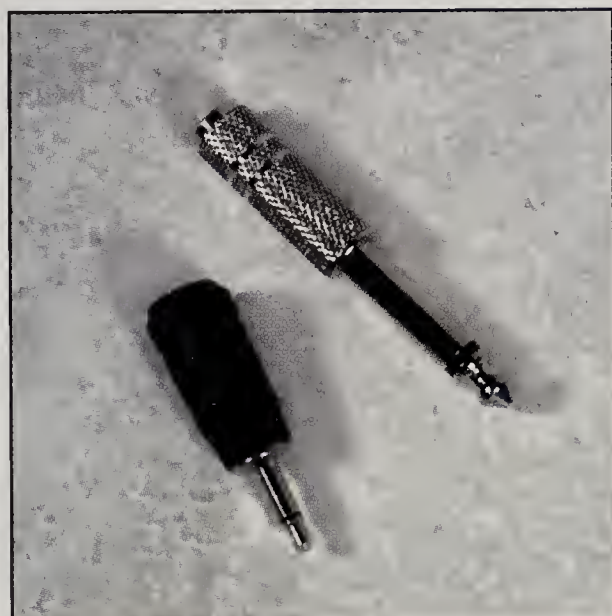


Stereo Headphones

These headphones work directly with the Handi-Cassette II and the Table Top Recorder/Player. A stereo to mono adapter plug (see below) is required to use these headphones with older monaural players such as the discontinued AC/DC Recorder/Player or original Handi-Cassette.

PrivatePhones (stereo with fully enclosed earpads, 3.5 mm plug):
1-07088-00.....\$21.00

Stereo Headphone (small foam earpads and 3.5 mm plug): 1-18986-00.....\$7.95



Stereo to Mono Adapter Plugs

Use with stereo headphones that have a 3.5 mm plug (such as the models above). These adapters allow you use stereo headphones with the discontinued mono AC/DC Recorder/Player and original Handi-Cassette.

Stereo to Mono (3.5 mm to 1/4 inch):
1-07061-00.....\$3.00

Stereo to Mono (3.5 mm to 3.5 mm):
1-07062-00.....\$3.00



Patchcord Kit

Lets you record directly from one mono audio source (radio, recorder) to another. (Each audio source must have an earphone jack.)

1-07170-00.....\$20.00

Blank C-90 Cassette Tapes

For voice recording, these are high quality 90-minute cassette tapes (standard size).

1-08561-00.....\$6.50 (5 tapes)

1-08560-01.....\$22.00 (25 tapes)

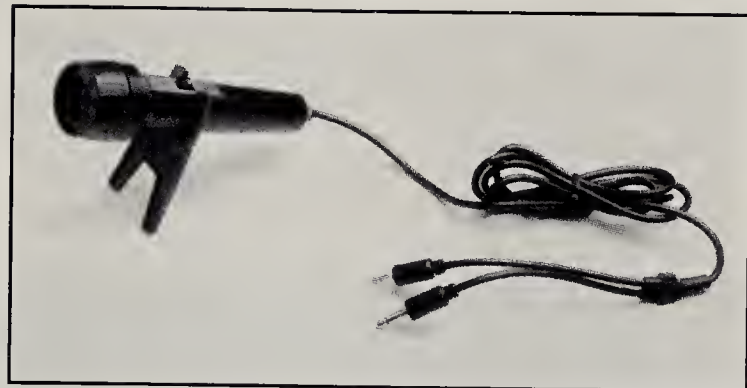
Note: Not available on Quota.



Remote On/Off Control Microphone

Sensitive microphone with 40-inch cord, built-in on/off switch, and desk stand. Works with all APH cassette recorders.

1-07160-00.....\$10.00



The Listening Post Audio Splitter

Connect up to four pairs of mono headsets to one sound source. Four 3.5 mm jacks with volume controls are mounted in a rugged case. Includes two 3-foot cords with 3.5 mm plugs. Works with all APH cassette recorders.

1-00941-00.....\$54.00

Note: Stereo to Mono Adapter Plugs are required to use this unit with stereo headphones.



Footpedal Switch

Turn your tape recorder on and off with your foot, leaving your hands free for key entry, braille transcribing, etc. Works with all APH cassette recorders.

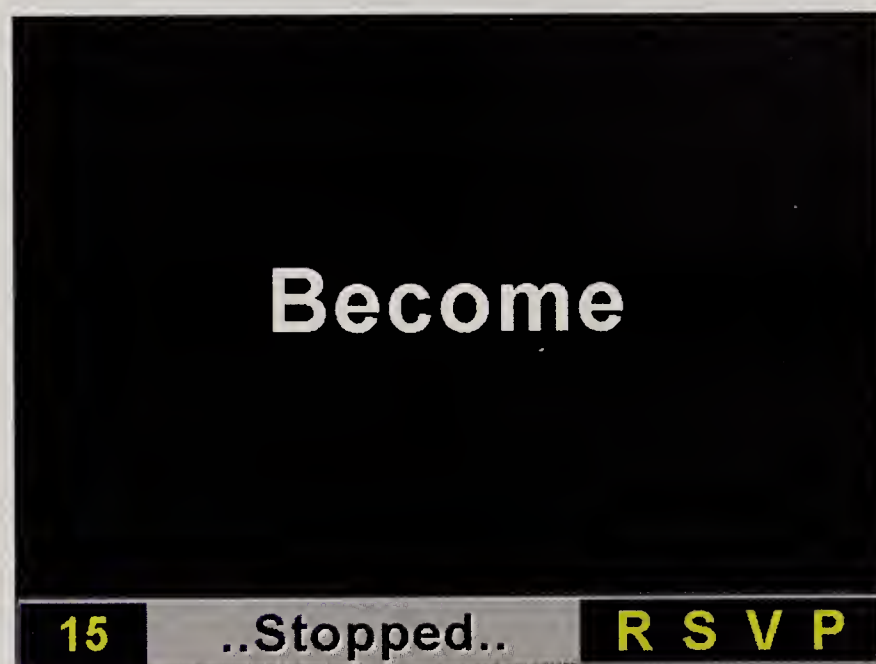
1-07020-00.....\$10.00



VIP – Versatile Image Processor Software

Multifunction VIP software with allows you to:

- Scan, enlarge, and view photos, maps, diagrams, etc.
- Scan and view in large print and/or listen to books, assignments, etc. Five viewing modes.
- Write in the text editor with large print and speech.
- Explore the Internet with *VIP's Browser*.
- Use large print and speech e-mail features.
- Do arithmetic with the large print / talking calculator.
- Create large print and/or braille materials from print sources with *VIP's* interface to your printer and your braille translation software and embosser.



RSVP View displays one word at a time at the same location on the screen and speaks the word. You control the rate words are displayed.



Requirements to Run:

- Windows® 95/98/ME PC with Pentium® 100 MHz or faster
- At least 32 MB RAM and 70 MB free hard disk space
- CD-ROM drive
- Sound card and speakers
- Scanner with TWAIN interface

Included:

- Software on one CD and two floppy disks
- Large print manuals and cassette tape tutorial
- Large print labels for keyboard number pad
- CD with text of 658 classic books

VIP Can Be Used with Magni-Cam™ Cameras!

When using *VIP*, a keystroke enables the live image from a video camera to be displayed on the computer monitor. Allows magnification of small 3D objects, handwriting, and text. Another keystroke saves a frame from the camera in *VIP's* picture album, which can be enlarged electronically. (Video capture feature required with video graphics card or external device.)

VIP Software: D-02001-00.....\$995.00

Magni-Cam Triad Color Unit:

1-03928-00.....\$995.00

Special Offer! \$100.00 Discount when *VIP* software and Magni-Cam Triad Color Unit are ordered together.

VIP Software – Plus – Magni-Cam Triad Color Unit: D-02002-00.....\$1,890.00

Note: The above items are not available for purchase with Federal Quota funds. Shipping charge added - please call for more information.

New! Teacher's Pet software

An accessible test creation and administration program for use by parents or teachers who wish to create accessible drill and practice exercises or tests for blind and visually impaired students.

Students work on the computer to complete tests or drills that can speak and present large type on the screen. The program both administers and records test sessions and provides a rich environment for creating or editing the pools of questions that comprise the test or drill document.

Requirements to Run

- PC running at least Windows® 95, or NT 4.0 Service Pack 6 or later.
- Internet Explorer® 5.0 or later
- 64 megabytes of RAM
- 10 megabytes of available disk space
- CD-ROM drive
- Sound card and speakers

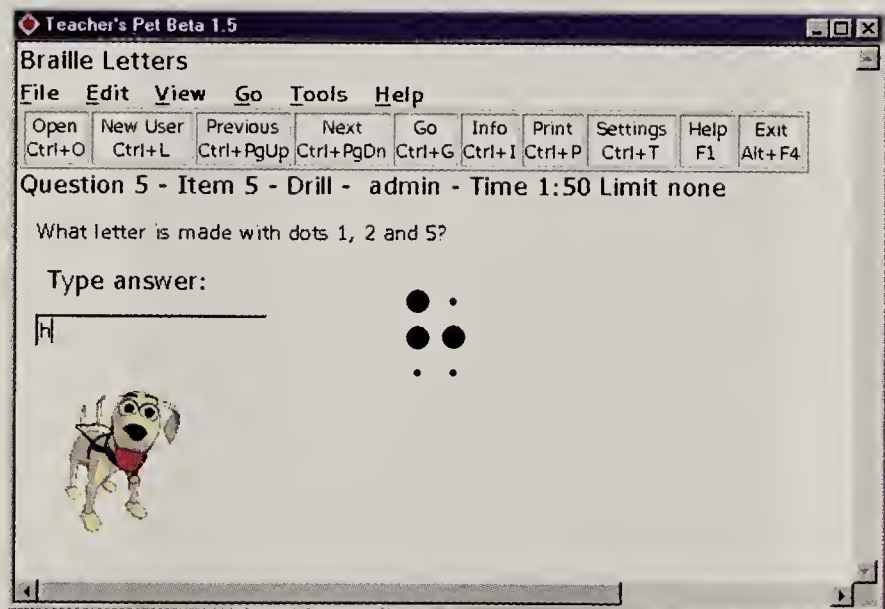
Teacher's Pet:

CD-ROM: D-03460-00.....\$TBD

Electronic Dist.: D-03460-ED.....\$TBD

Site License: D-03460-SL.....\$TBD

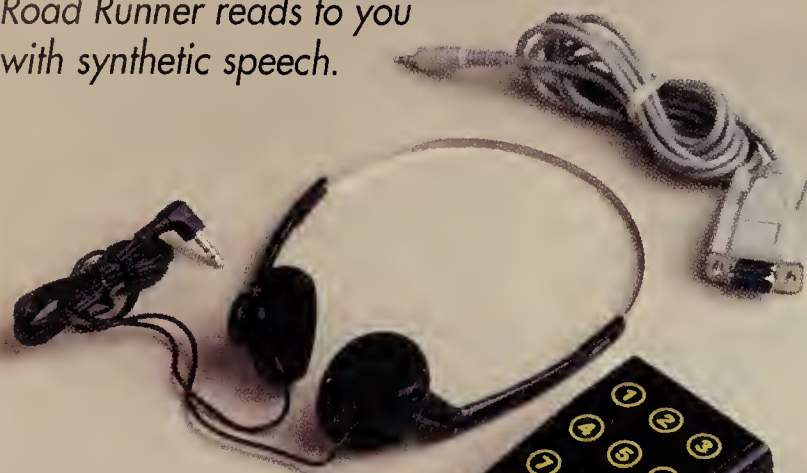
Note: To purchase the site license, you must own one CD-ROM or Electronic Distribution copy of Teacher's Pet. See detailed software purchasing instructions in the "How to Order" section. Download APH software demos: www.aph.org/tech



Shop APH

U.S. Customers Can Now Order On-line! www.aph.org

*Road Runner reads to you
with synthetic speech.*



*Includes PC connection
software and over 1700
e-documents!*



Road Runner and Downlink Software

Small, portable walkabout unit with a keypad and earphones, plus accompanying software. Allows you to go anywhere and read text files with synthetic speech.

Download files from your computer with included software, then disconnect Road Runner for mobile use. Holds up to 3 megabytes of text (over 1500 print pages).

Features:

- Navigate folders and files with names and descriptions.
- Navigate within documents with "Back" and "Forward" buttons. Can speak sentence by sentence, paragraph by paragraph, or page by page. Identifies page number or percentage of the document read.
- Add or delete bookmarks.
- Adjustable volume and voice speed, with a choice of voices.

Included:

- Earphones.
- Cable for connecting to your PC.
- Two AA batteries for over 50 hours of life.
- CD-ROM with Downlink software and the complete text of over 1700 titles, such as classic literature, historical documents, reference material, etc.

Requirements to Run

- Windows® 95 or later
- 32 MB RAM
- CD-ROM drive

Road Runner: 1-03940-00.....\$299.00

***Note:** Not available for purchase with Federal Quota Funds.*

Braille 'n Speak® Scholar

Talking "Personal Digital Assistant" (PDA) for braille users! From APH and Freedom Scientific® Inc. Small, portable unit with a rechargeable battery.

Partial List of Features:

- Input with a braille-type seven-key keyboard.
- Synthetic speech output.
- Advanced word processor with file organizing.
- Hard copy output in braille or print. Includes braille-to-print back translator.
- Talking clock, countdown timer, stopwatch, phone directory, calendar, and scientific graphing calculator.
- Most software built-in, including Help.



Specifications

- Size: 8 1/4 x 4 1/8 x 7/8 inches, Weight: 14 ounces • Quick-charge rechargeable battery operates for 12 to 20 hours • Ports: Ear phone, power, RS-232 serial, disk drive (serial and disk drive ports are mini-din 8 jacks) • Memory: 640K of RAM • Speaker: Built-in

Included

- Leather carrying case • Battery charger / AC adapter • Earphone • Serial Interface Cable for connection to a PC (9-pin female to mini-din 8 male) • Additional software plus User's Manual on floppy disk • Large print user's manual • Cassette Tape Tutorial • Large Print/Braille Command Quick Reference

Recommended ages: 8 years and up.

Braille 'n Speak Scholar: 1-07320-00.....\$1050.00; *Note: Is available on Quota.*

Replacement Items:

**Serial Interface Cable for connection to a PC (9-pin female to mini-din 8 male):
1-07319-00.....\$29.00**

Large Type Manual: 7-07320-00.....\$33.00

Cassette Manual: C-07320-00.....\$5.00

Items Available Separately:

Parallel Printer Cable: 1-07318-00.....\$57.50

ImageWriter® Cable: 1-07317-00.....\$29.00

Braille 'n Speak® 2000

APH proudly offers the Braille 'n Speak 2000 from Freedom Scientific® Inc. This unique



computerized "Personal Digital Assistant" (PDA) offers a wealth of features, a few of which are:

- Braille-type keyboard input, speech output
- advanced word processor
- talking clock, calendar, telephone directory, scientific calculator, and stopwatch
- Grade 2 Braille back translator for print output
- serial port for connecting to external hardware
- large data storage ability: 768K of RAM, 2MB flash ROM
- quick-charge 25 hour batteries
- includes numerous accessories
- measures only 8 x 5 x 1 1/4 inches, weighs about 1 lb.

Braille 'n Speak® 2000:
1-07310-00.....\$1,400.00

Note: Not available on Quota.

PC Typer (MS-DOS Compatible)

Synthetic speech typing tutorial for PCs running MS-DOS®. Includes:

- Keyboard drills
- Hurry Scurry game
- Open Typing on a blank screen
- Learn the Keyboard: announces keys pressed

Teacher program allows you to:

- Customize the program
- Edit the lessons and drills or create your own
- Manage student records

Recommended ages: All ages.

Requirements to Run: 250K of free memory to run the teacher or student programs separately; 500K to run the student program from within the teacher program. Requires a speech synthesizer, screen access program, or a large type access program.

PC Typer (complete version): one 3 1/2 inch Teacher Disk; one 3 1/2 inch Student Disk; Teacher's Manual in large type, on 15/16 ips cassette, and on disk.
D-57000-00.....\$47.00

PC Typer: 3 1/2 Inch Lab Pack contains five 3 1/2 inch Student Disks.
D-57001-00.....\$28.00

Download APH Software Demos:
www.aph.org/tech



Expanded Core Curriculum: Career Education and Transition



Career Education

Career education in an expanded core curriculum should begin in the earliest grades to give the visually impaired learner of all ages the opportunity to learn firsthand about the variety of work people do. It will give the student chances to explore strengths and interests in a systematic, well-planned manner. Unemployment and underemployment are leading problems facing adult visually impaired people in the United States, making this portion of the expanded core curriculum vital to the students.

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Shop APH

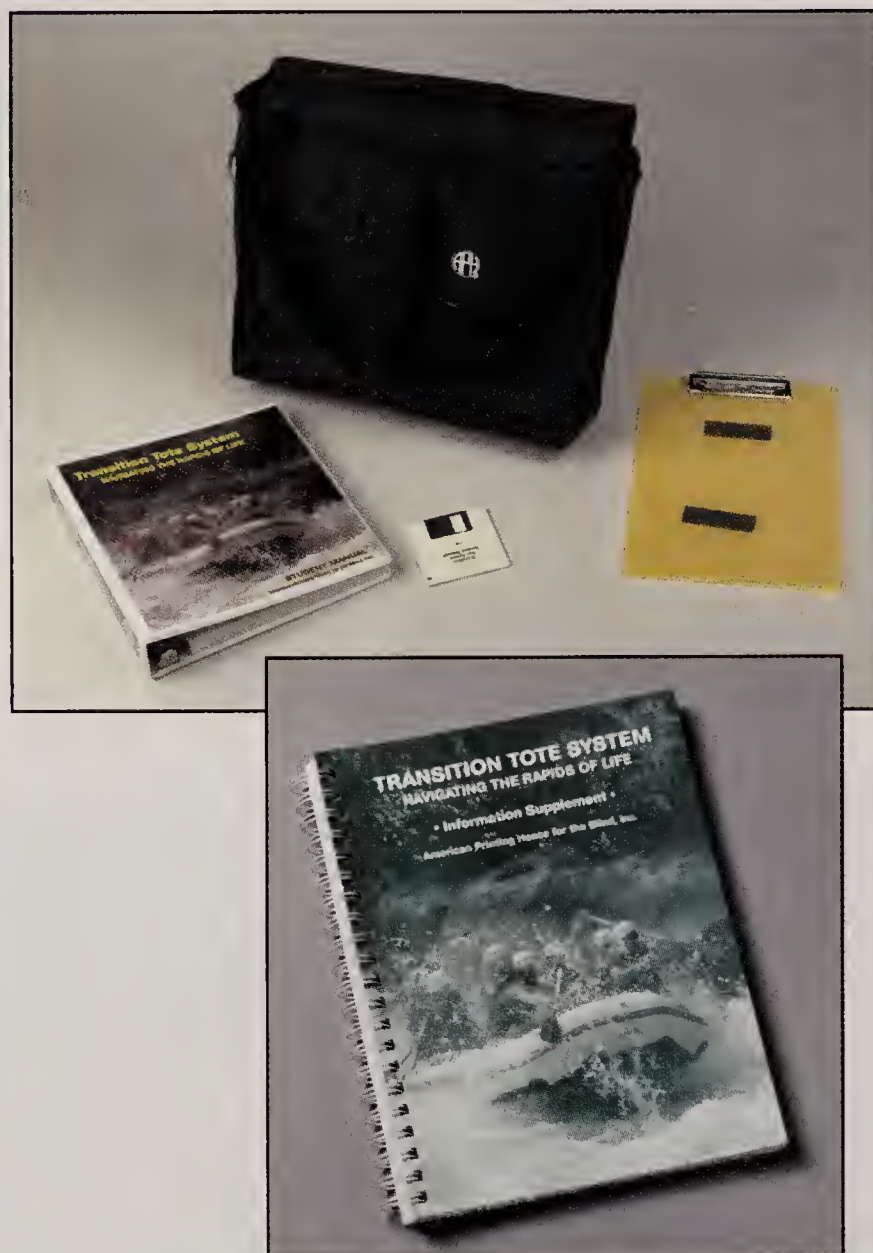
U.S. Customers Can Now Order On-line! www.aph.org

Transition Tote System: "Navigating the Rapids of Life"

Assists high school students as they explore and prepare for the world of work. Also useful for some middle school students and some adults.

Packaged as a Student Kit (three versions available), with a separate Information Supplement for teachers.

- Student Kit – The three versions are: Student Manual in either large type, braille, or on cassette tape.



All versions of the Student Kit include:

- Student Manual: 30 lessons covering such topics as organizational skills, work exploration, and job-seeking skills. Includes resource section.
- Tote Case: a soft-sided organizational carrying case measuring 16 x 14 x 5 inches. Includes a clipboard.
- 3 1/2 Inch Disk with forms and checklists from the Student Manual.

Item Separate from the Student Kit

- Information Supplement – For use by teachers and other facilitators.

Recommended ages: 12 years to adult.

Transition Tote System:

Student Kit, Large Type Version:
1-08200-00.....\$70.00

Student Kit, Braille Version:
1-08203-00.....\$70.00

Student Kit, Cassette Tape Version:
1-08201-00.....\$70.00

Items That Must Be Ordered Separately:

Information Supplement, Regular Print Version: 7-08200-00.....\$39.00

Information Supplement, Braille Version:
5-08200-00.....\$60.00

Replacement Item:

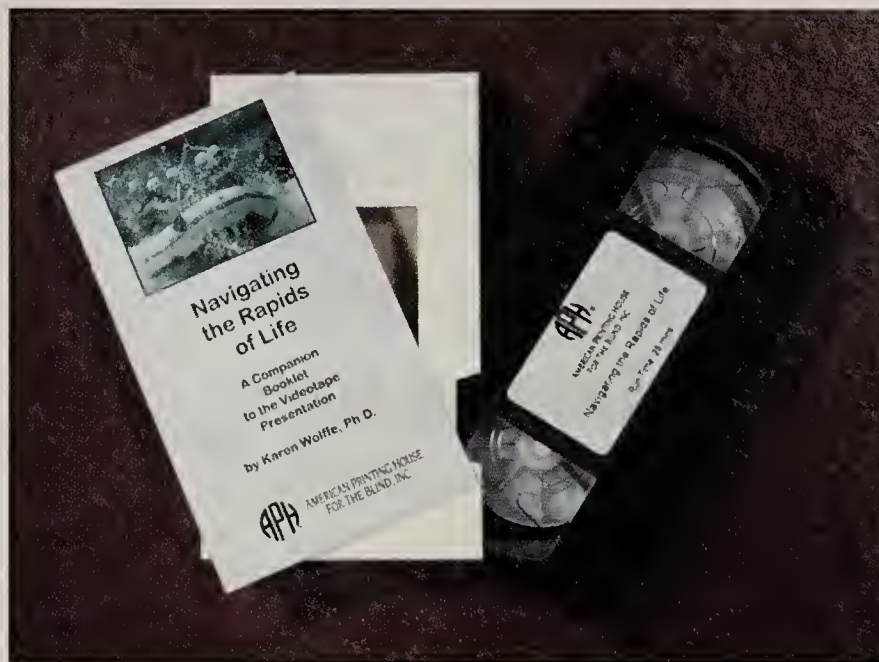
Replacement Tote Case (without clipboard): 1-08202-00.....\$50.00

Navigating the Rapids of Life **Video and Booklet**

Complementary product to APH's Transition Tote System. Provides information on employment success for visually impaired youth.


Transition to the workplace begins in early childhood with skills developed at home, in school, and in the community. *Navigating* details: • Incidental Learning • Organizational Skills • Compensatory Skills • Social Skills • Opportunities to Work.

Additional transition information is contained in the included print booklet.



Note: This video is closed captioned and video described.

Navigating the Rapids of Life
(VHS videotape and booklet):
1-30005-00.....\$25.00



LouisTM
**DATABASE OF ACCESSIBLE MATERIALS FOR
PEOPLE WHO ARE BLIND OR VISUALLY IMPAIRED**

Need textbooks? Visit the *Louis* Database to find titles offered by APH and by 200 other sources.

U.S. customers can order APH books and products through *Louis*!

www.aph.org

Expanded Core Curriculum:

Daily Living and Social Interaction



Independent Living Skills

This area, often referred to as daily living skills, consists of all the tasks and functions people perform, according to their abilities, in order to live as independently as possible. These curricular needs are varied and include skills in personal hygiene, food preparation, money management, time monitoring, and organization.

Social Interaction Skills

Blind and visually impaired individuals learn social interaction skills through careful, conscious, and sequential teaching. Instruction in these skills is such a fundamental need that it can often mean the difference between social isolation and a satisfying and fulfilling life as an adult.

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Script Letter Board	85
Script Letter Sheet	85
Tactile Marking Mat	84
ZoomView	100

ColorTest: Talking Color Analyzer for People Who Are Blind or Color-blind

ColorTest is an innovative hand-held device which helps you distinguish colors independently! Use for selecting clothes, while shopping, at the office, at school.

Features

- Clear, human voice announces the color of any object placed in contact with detector.
- Senses 150 nuances of color. Also detects patterns, brightness, and contrast.
- Can provide color analysis with specific values for brightness, hue, and saturation.

Speaks the color of anything you can touch!



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- Rechargeable battery status and adjustable speaker volume.
- Small: about the size of a remote control.

Included

- Leather carrying case
- Cassette instruction manual
- Quick reference of button layout and function
- Battery charger

- Color chart
- One year limited warranty

ColorTest: 1-03950-00.....\$595.00

**Print Instructions only (optional):
8-03950-00.....\$6.00**

**Braille Instructions only (optional):
6-03950-00.....\$2.50**



MotionPAD™: Motion-Activated Memo Pad and Door Chime

MotionPAD™ box attaches to an entry-area wall where movement will trigger play of a message or acknowledge entry with a chime.

- Memo Mode allows for recording a 10 second voice message.
- Chime Mode signals whenever someone walks within 10 feet.
- Write Protect locks message content.
- Uses four AA batteries, not included.

MotionPAD: 1-07400-00.....\$34.00

***Note:** Not available for purchase with Federal Quota funds.*



MasterPlan Address Book

Large print address book will hold 208 addresses. Includes a plastic template for easy entry. Large alphabet tabs make names easy to find in the 3-ring binder. Additional address insert pages are available.

**MasterPlan Address Book:
1-07910-00.....\$19.00**

**MasterPlan Address Book Insert Pages
only: 1-07911-00.....\$7.00**

MasterPlan Address Book Components

Enables rehabilitation teachers to build large type address books tailored to the needs of their clients.

Guidebook

Contains a description of building an address book and master address book sheets that can be photocopied. The Guidebook comes in large type and on cassette, packaged together.

Large Type/Cassette Guidebook:
7-07910-00.....\$12.00

Templates

Plastic templates help the user easily write in the address book. Pack of five.

1-07912-00.....\$15.00

Address Book Pens

Bold-line 20/20 Pens® that make entries easy to read.

Pack of 5: 1-07913-00....\$5.00 • Pack of 144: 1-07916-00.....\$130.00

***Note:** Pens not available with Federal Quota funds.*

Address Book Binders

3-ring binder that can be used to hold an address book. Comes with a sheet lifter and a plastic pouch for storage of supplies. Five binders.

1-07914-00.....\$25.00

Alphabet Dividers

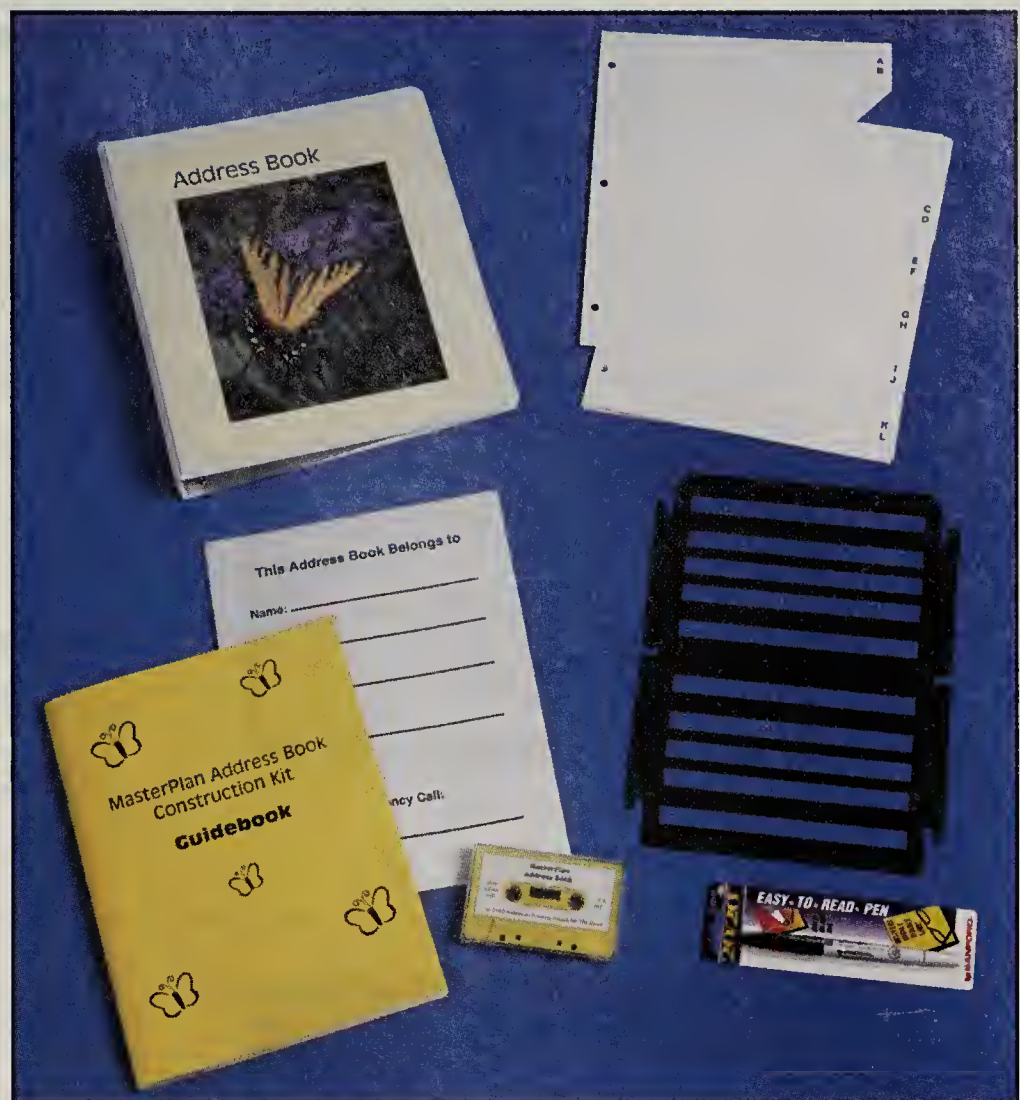
Large type alphabet dividers make finding entries easy. Five sets.

1-07915-00.....\$21.50

Related Products:

MasterPlan Address Book: 1-07910-00.....\$19.00

Address Book Insert Sheets: 1-07911-00.....\$7.00





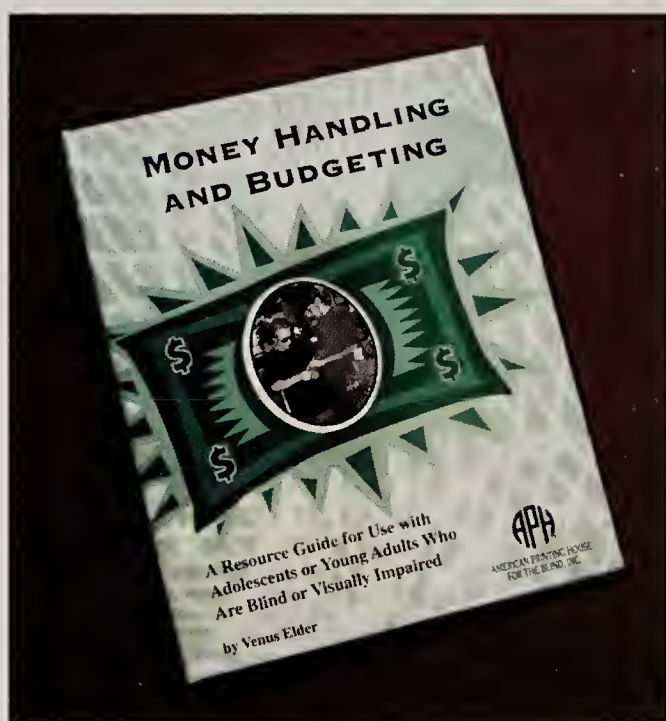
MasterPlan Calendar 2002: A Low Vision Appointment Book and Calendar

A systematic and organized way of keeping track of appointments, holidays, and other events.

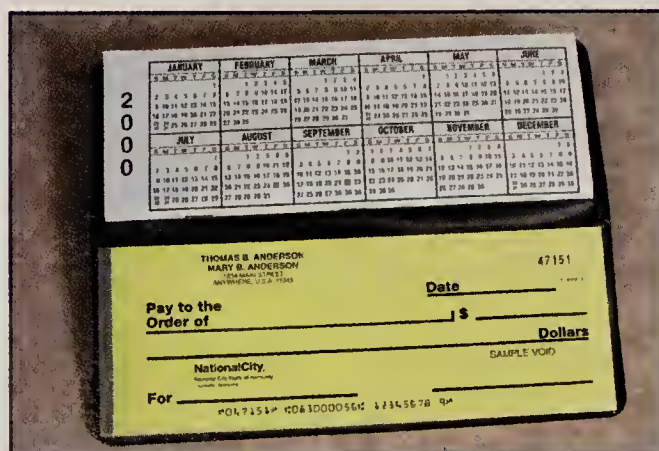
Each large print page holds four days, with enough room to write notes and appointments. The calendar comes with a three-ring binder.

MasterPlan Calendar 2002 (with binder):
1-07900-02.....\$26.00

MasterPlan Calendar 2002 (inserts only, no binder): 1-07901-02.....\$20.50



Money Handling: Print Edition (above). Adapted Practice Checkbook (below).



Money Handling and Budgeting

Resource guide with an adapted practice checkbook that helps students learn vital money handling skills.

Addresses These Topics:

- Coin and bill identification
- Counting money and making change
- Budgeting
- Basic employment strategies
- Banking skills (e.g., paying bills, acquiring loans, using savings accounts, etc.)
- Handling money in simulated and actual daily living situations

Recommended ages: 11 years and up.

Money Handling and Budgeting:
Print Edition: 1-83080-00.....\$30.00
Braille Edition: 1-83081-00.....\$30.00

To Reorder Consumable Items:

Complete Adapted Practice Checkbook only: 1-03501-00.....\$8.00

Bound Practice Checks/Deposit Tickets only (pack of 5): 1-03502-00.....\$18.00

Making Picture Recipes

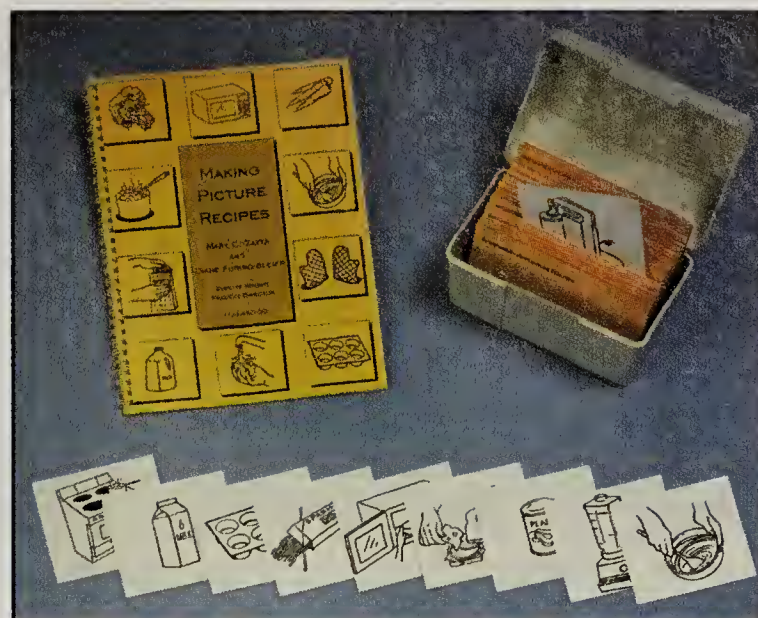
Provide cooking instruction for low vision nonreaders and beginning readers. Includes 257 bold-line illustrations of common foods and ingredients, cooking equipment, and cooking processes on 3 1/2 x 4 inch cards. These master cards can be combined and photocopied to depict multi-step recipes; the copies can be colored to correspond to actual items students will be using.

Includes a card storage box with index tabs and an instruction manual.

Recommended for functional ages 5 years and up.

Making Picture Recipes Kit: 1-03450-00.....\$30.00

Manual only: 7-03450-00.....\$19.00



APH Signature Guide

Aluminum frame measuring 4 1/2 x 2 1/4 inches with rubber backing. Aids people who are visually impaired in writing their signatures. Frame has an opening with an elastic band; the band provides a guide for writing and flexes to allow for the descenders of letters.

Recommended ages: 8 years and older.

1-03530-00.....\$5.00



Hearing Loss: Information for People with Visual Impairments

A three-title series of books on hearing loss published in large type / cassette and in braille. Available individually or as a set.

continued on next page



continued from previous page

Do I Have a Hearing Loss?

This book helps you cope with a hearing loss. Chapters include: • Do I Have a Hearing Loss? • Understanding Hearing Loss • Where Do I Get Help? • Communication Strategies • Family and Friends

Do I Have a Hearing Loss?

Large Type/Cassette Edition: 7-01000-00.....\$15.00

Braille Edition: 5-01000-00.....\$15.00

Do I Need a Hearing Aid?

This book helps you decide if you need a hearing aid. Chapters include: • What is a Hearing Aid? • Do You Need a Hearing Aid? • Purchasing a Hearing Aid • Learning to Use Hearing Aids • Other Helpful Devices

Do I Need a Hearing Aid?

Large Type/Cassette Edition: 7-01010-00.....\$15.00

Braille Edition: 5-01010-00.....\$15.00

Do I Need More Than a Hearing Aid?

This book will help you learn about a variety of assistive devices that can help you cope with hearing loss. Chapters include: • Assistive Listening Devices • Cochlear Implants • Telephone Devices • Alerting Devices • Being a Good Consumer

Do I Need More Than a Hearing Aid?

Large Type/Cassette Edition: 7-01020-00.....\$15.00

Braille Edition: 5-01020-00.....\$15.00

What Do I Need to Know About Hearing Loss? Information for People with Visual Impairments A Three Volume Set

Compilation of the three books listed above. Consists of a three-ring binder that holds all three large type / cassette editions.

3 Volume Set, Large Type/Cassette Editions: 7-01050-00.....\$45.00



Expanded Core Curriculum:

Recreation and Leisure



Recreation and Leisure Skills

Many activities in physical education are excellent and appropriate for visually impaired students, but these students also need to develop recreational and leisure activities that they can enjoy throughout their adult lives. Recreation and leisure skills must be deliberately planned and taught to blind and visually impaired students and should focus on the development of life-long skills.

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Recreation and Leisure Related Products

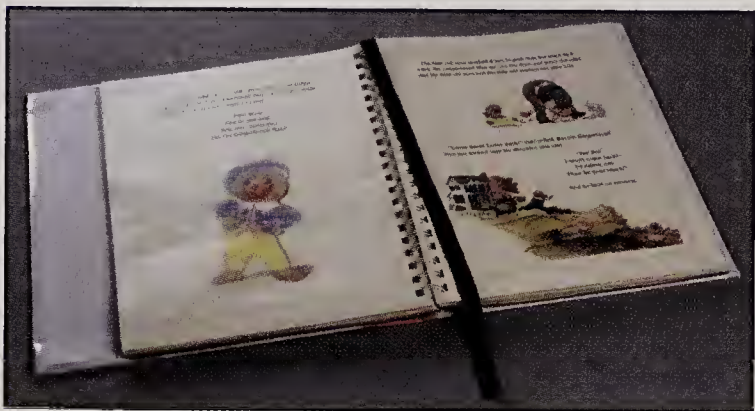
Art History Through Touch & Sound	49
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Recreation and Leisure continued

Recreational Reading Books in Braille and Large Type

The following is a selection of a few of our recreational reading books. To search for additional recreational reading titles available from APH, go to www.aph.org and click on the Louis Database link. Books can be searched by author, title, or APH catalog number.

Chrissy's Collection Print/Braille Children's Books

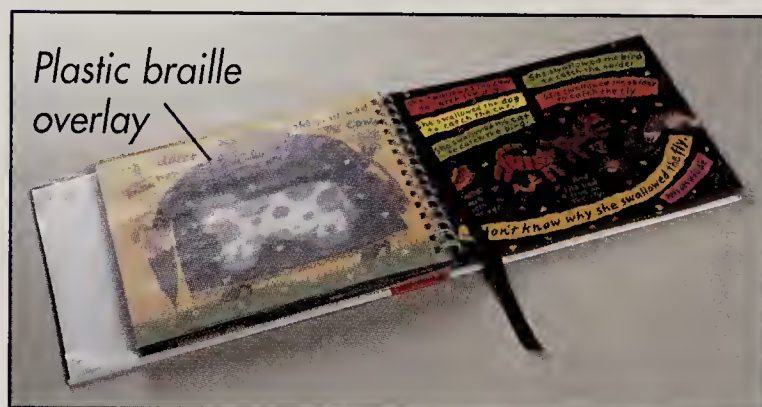


****The Gingerbread Man*: by Jim Aylesworth, print/braille: 9-12030-00.....\$25.00**

A freshly baked gingerbread man escapes when he is taken out of the oven and eludes a number of pursuers until he meets a clever fox.

****So You Want to Be President*: by Judith St. George, print/braille: 9-13090-00.....\$25.00**

Unusual and interesting facts about the first forty-two presidents of the United States.



****There Was an Old Lady Who Swallowed a Fly*: by Simms Taback, print/braille: 9-12003-00.....\$25.00**

Fanciful retelling of the folk poem about a woman who swallows progressively larger animals.

****The Very Hungry Caterpillar*: by Eric Carle: print/braille: 9-12015-00.....\$25.00**

Follows the progress of a very hungry caterpillar as he eats his way through a varied and large quantity of food, until, full at last, he forms a cocoon and goes to sleep.

Children's Fiction

***Brian's Winter*: by Gary Paulsen, braille: T-N1211-70.....\$25.00**

In this sequel to the widely popular *Hatchet* (1987), Gary Paulsen explores an alternate ending where Brian is not rescued from the plane crash before facing the harsh Canadian winter.

***A Christmas Carol*: by Charles Dickens, braille: 5-09500-00.....\$40.00 • large print: L-95504-00.....\$58.00**

The classic story of a miserly man who finds the true meaning of Christmas.

***Curious George Goes to the Hospital*: by H. A. Rey, braille: 5-28270-00.....\$25.00**

Readers learn all about the hospital as George goes in for an operation to remove a puzzle piece he has eaten.

* limited quantities available

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***House at Pooh Corner:* by A. A. Milne, braille: 5-57530-00.....\$47.00**

Winnie the Pooh, a bear, has different adventures with all his friends: Christopher Robin, Piglet, Rabbit, Owl, Kanga, Roo, Tigger, and many more.

***James and the Giant Peach:* by Roald Dahl, large print: L-61000-00.....\$36.50 • braille: 5-61410-00.....\$38.00**

A chance encounter with magic crystals takes James from a life of misery to a series of adventures with a giant peach and various insect friends.

***Wrinkle in Time:* by Madeleine L'Engle, braille: 6-58970-00.....\$69.00**

Three children travel through time and space to free their father and battle evil in this allegorical Newberry Award winner.

Adult Fiction

***The Cat Who Saw Stars:* by Lilian Jackson Braun, braille: T-N1211-10.....\$49.00**

The 21st addition to the bestselling mystery series finds Quill and his fabulous felines on the trail of some very unusual "visitors", after rumors circulate that extraterrestrial beings are responsible for the disappearance of a stray backpacker.

***Great Expectations:* by Charles Dickens, large print: L-86003-00.....\$134.00**

An absorbing mystery as well as a morality tale, the story of Pip, a poor village lad, and his expectations of wealth is Dickens at his most deliciously readable.

***Postmortem:* by Patricia Daniels Cornwell, braille: T-N8290-00.....\$80.00**

This is the first novel in the popular series featuring medical examiner Kay Scarpetta.

Young Adult Non-Fiction

***Anne Frank: Diary of a Young Girl:* by Anne Frank, large print: L-05801-00.....\$84.00**

Born in 1929, Anne Frank received a blank diary on her 13th birthday, just weeks before she and her family went into hiding in Nazi-occupied Amsterdam. Her marvelously detailed, engagingly personal entries chronicle 25 trying months of claustrophobic, quarrelsome intimacy with her parents, sister, a second family, and a middle-aged dentist who has little tolerance for Anne's vivacity.

Adult Non-Fiction

***ABC's of Braille:* by Bernard M. Krebs, braille: 5-00200-00.....\$55.00**

Teaches the basics of braille.

continued on next page

Recreation and Leisure continued

continued from previous page

Handbook for Learning to Read Braille by Sight: by Leland Schubert, regular print:
7-51450-00.....\$28.00



Beyond TV Dinners: by Patricia Canter, braille:
5-13080-00.....\$49.00 • large print: 4-02470-00.....\$60.00

Includes beginning to intermediate cooking skills and recipes.

Career Planning for the 21st Century: by Jerry M. & Roberta M. Ryan, large print: L-99153-00.....\$60.50

The text/workbook emphasizes job-seeking and job-holding skills and covers the areas of planning your career, finding employment, and enjoying a lifetime of career growth.

Cooking Without Looking: by Esther Knudson Tipps, large print: 4-04060-00.....\$52.00

Self-Esteem and Adjusting with Blindness: by Dean W. and Naomi R. Tuttle, braille:
5-00500-00.....\$178.00 • large print: L-96229-00.....\$79.50

This classic book explores: the development of self-esteem, adjusting with blindness, and fostering self-esteem. Includes material from biographies and autobiographies of people who are blind.

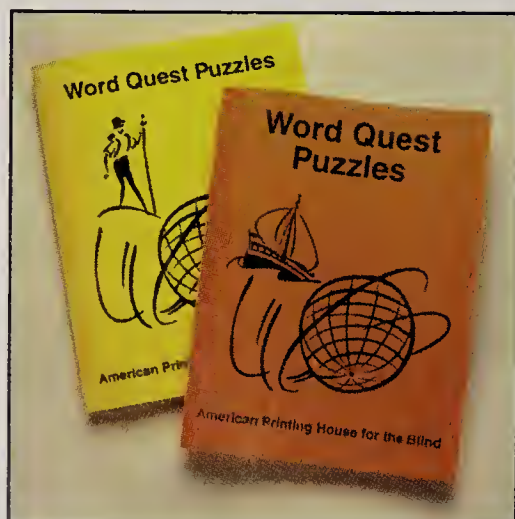


Disc Card Holder Set

Simple, light-weight device allows those who lack finger strength or dexterity to more easily hold a hand of cards. Consists of two plastic discs with foam pads in between. Cards friction fit between foam pads. Box of four discs in assorted colors (playing cards not included).

1-08441-00.....\$6.00

Note: Not available with Federal Quota funds.



Word Quest Puzzles

This recreational / educational product presents classic "find-the-hidden-words-in-the-grid" puzzles in a large print format. Two sizes of letters are available to accommodate different users.

1/2 inch letters: 8-05101-00.....\$5.00

1 inch letters: 8-05102-00.....\$5.00

Ordering & Info: www.aph.org or 1-800-223-1839

Game Kit

The Game Kit is a collection of common game parts designed for use by low vision or blind players.

Parts can be used to play games from the included handbook, to adapt commercial games, or to create new games. Can be used to build social skills or to review school subjects by means of a game.



Recommended ages: 5 years and older.

Game Kit: 1-08440-00.....\$180.00

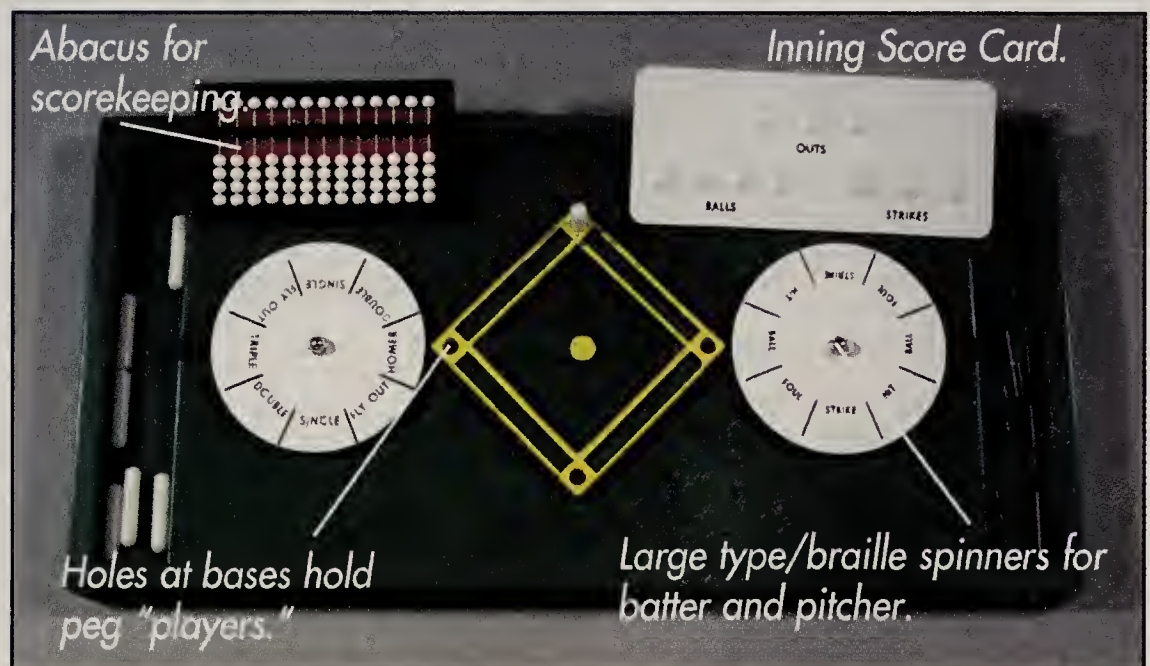
Baseball Game

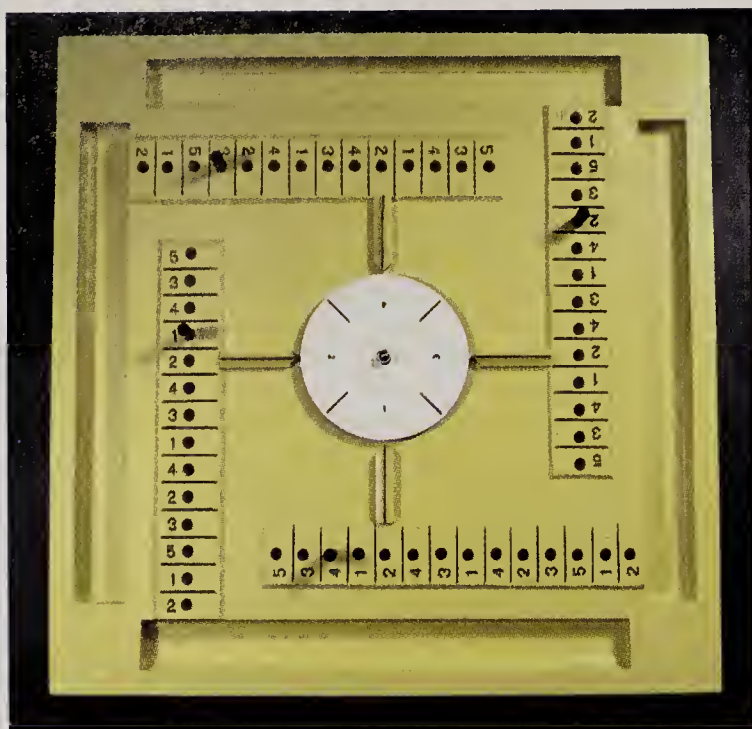
Players learn about the layout of a baseball diamond, the positions of players, and baseball terms while using math skills to keep score and to track balls, strikes, outs, and innings.

Game board has high contrast colors, and textured base lines for tactual discrimination. Playing instructions are included in print.

Recommended ages: 8 years and older.

1-08100-00.....\$112.00





Ten Spot Game

Helps teach basic game skills, such as following directions, taking turns, and practice in simple addition.

The object is to be the first to land on spaces whose numbers add up to 10. Pegs are used to move along a 14-hole "ladder" on the game board with the number of moves determined by a spinner. Spinner and holes are marked in braille and large type. Two- to four-player game. Instructions in print.

Recommended ages: 6 years and older.

1-08920-00.....\$79.00



The Game of Squares

Teaches basic game skills. Is an adaptation of the two-player pencil and paper game in which dots are connected to make squares.

Two players alternate placing plastic "sides" on the board to enclose a square. Completed squares are covered with the player's marker; the player who covers the most squares wins. Game board has a 16-square game grid, and storage areas for game pieces. Instructions in print.

Recommended ages: 6 years and older.

1-08430-00.....\$44.00

Take Away Game

Two-player game helps children learn basic



game skills. Players alternate spinning the spinner to determine how many pieces may be taken from the opponent. When a player has no pieces left, the other player wins.

The spinner, mounted on a game board, is marked with braille and large type numbers. Two strips of metal hold the magnetic game pieces. 17 black, rough-textured pieces and 17 blue, smooth-textured pieces are included.

Recommended ages: 5 years and older.

1-08900-00.....\$99.00

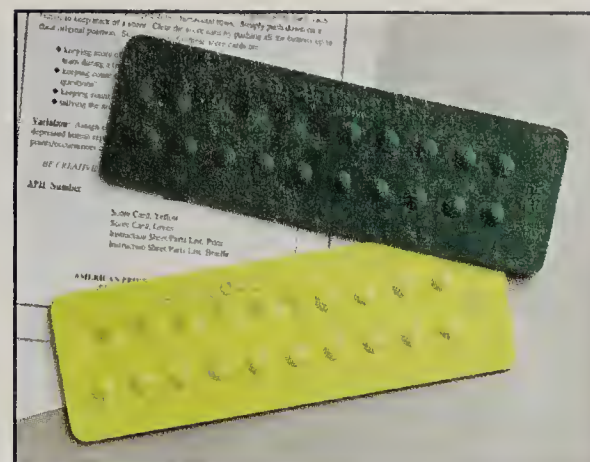
Score Card Set

Generic Score Card made of durable plastic. Has twenty "buttons" in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. You can assign one row as the "tens" row to keep track of up to 110 events.

Includes one yellow and one green card. Instructions in print and braille.

Recommended ages: All ages.

Score Card Set: 1-17001-00.....\$9.00



Wooden Constructo Sets

Choose from two sets that help children to develop creativity, problem solving skills, muscular coordination, manual dexterity, and construction concepts.

Construct all types of structures using various lengths of hardwood which have been drilled with holes. Lengths are linked together with color-coded nuts and bolts.

Recommended ages: 4 years and older.

Junior Constructo Set

Young children can construct simple shapes with this kit. Contains:

- Twelve red bolts
- Twelve yellow nuts
- Four right-angle joints
- Ten wooden lengths of various sizes

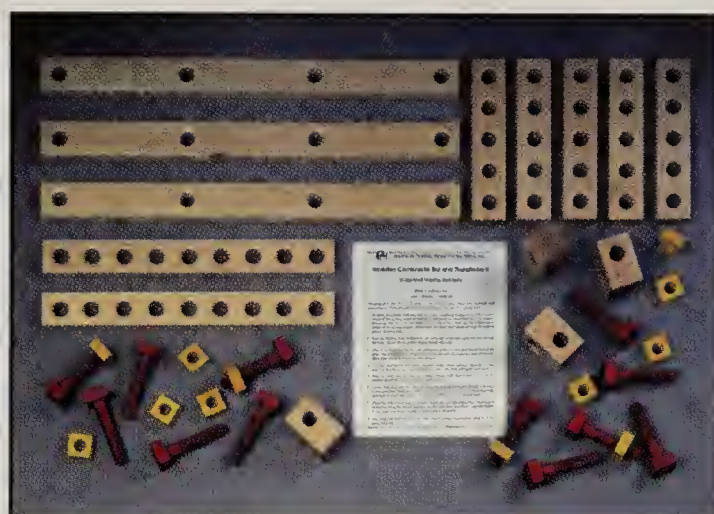
Constructo Junior: 1-03690-00.....\$125.00

Constructo Set Supplement

Older children create more complex objects with this Supplement. Contains:

- Thirty-eight red bolts
- Thirty-eight yellow nuts
- Five right-angle joints
- Forty-one wooden lengths of various sizes

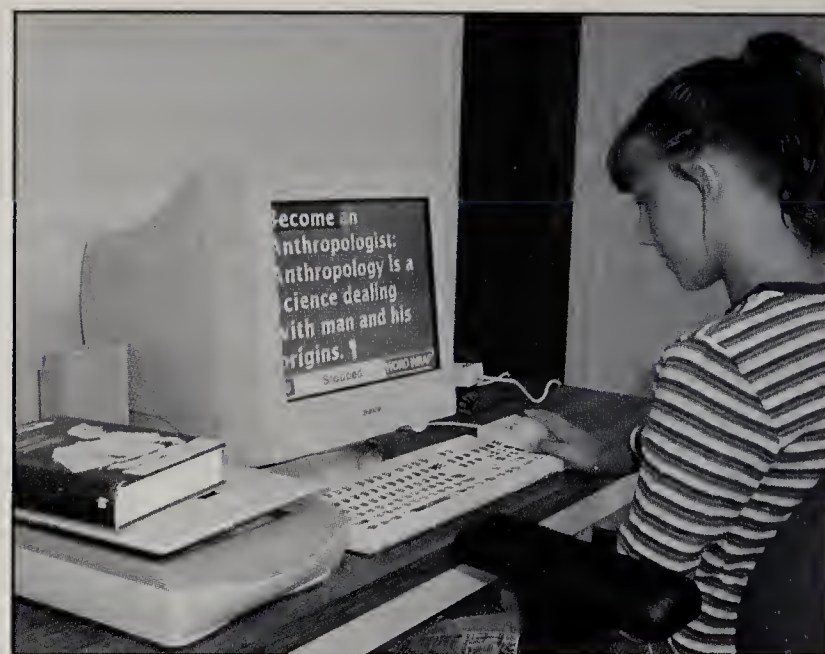
Constructo Supplement: 1-03200-00.....\$350.00



Items may differ slightly from those pictured.

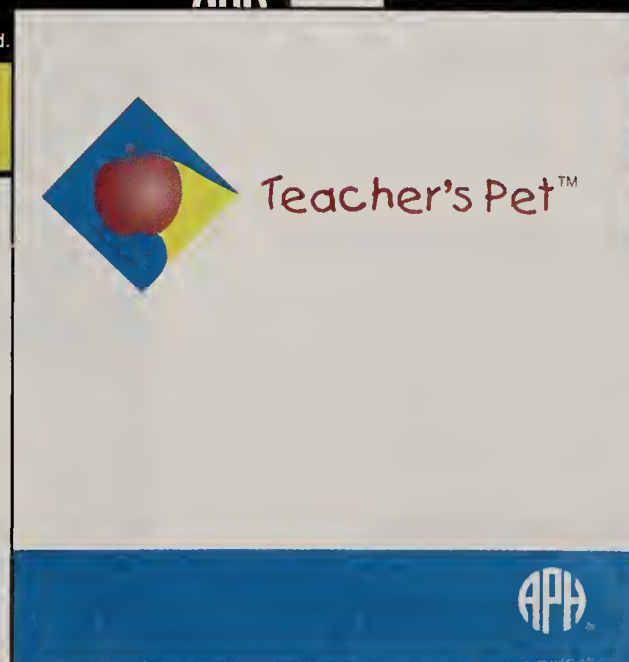
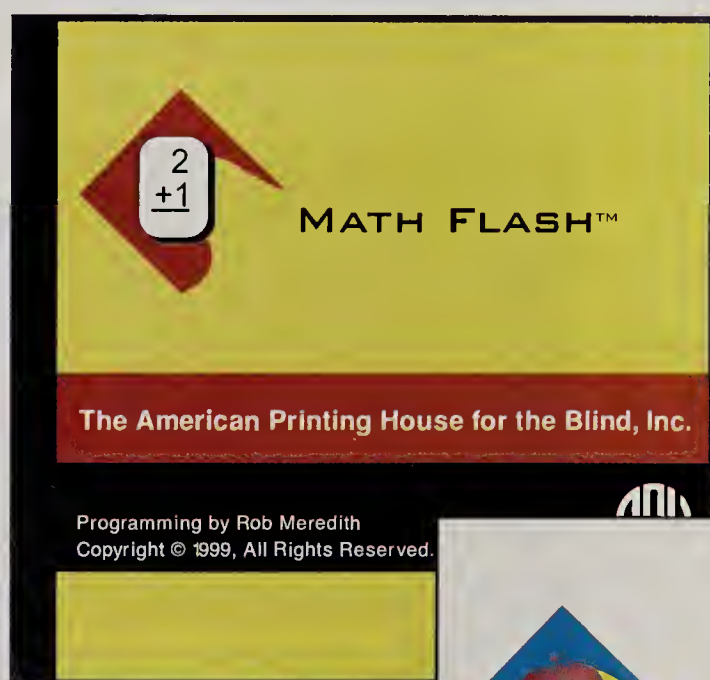


Software



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<i>Math Flash™</i> software	30
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<i>Playing the Crucial Role in Your Child's Development</i> video	20
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Opening Doors Through An Act to Promote the Education of the Blind

This 20 minute VHS video presents an overview of the 1879 Act to Promote the Education of the Blind. With students as the focus, this presentation concentrates on the Federal Quota Program, the annual census of blind students, and the role of Ex Officio Trustees in the administration of the Act.

For more information, call the APH Department of Educational and Advisory Services, ext. 300.



Wings for the Future

A special 16-minute VHS video that guides you on a mini-tour of APH. Explains the research and development process behind our products, and provides a glimpse of manufacturing sites visited on an actual tour. ABC®'s Diane Sawyer introduces the video.

Contact the APH Public Affairs Department, ext. 339, to obtain a copy of this video.



Three Different APH Catalogs Are Available!

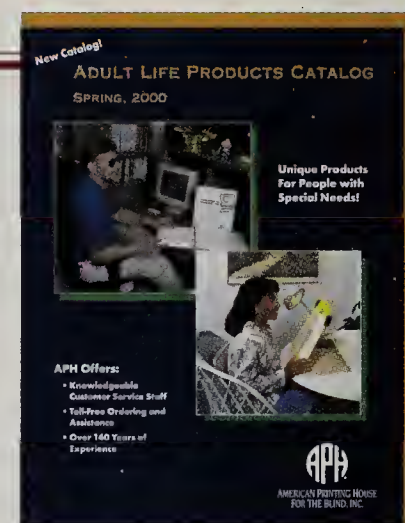
- *APH Products Catalog, 2002-03* - our complete line of products
- *APH Catalog of Accessible Books, 2000-01*
plus the *Supplement, Spring 2001* (contains mostly textbooks)
- *APH Adult Life Products Catalog, Spring 2000*
- products for everyday living

Each catalog is available in print and one or more accessible media.

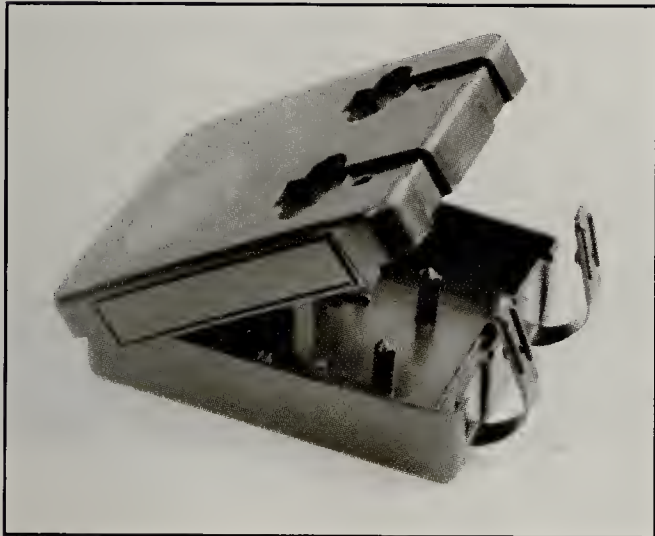
**Call toll free 1-800-223-1839
to request the catalog that best meets your needs.**

Also, check our Web site for product information—
and now U.S. customers can order on-line!

www.aph.org



Containers



Cassette Circulation/Storage Containers

For mailing or storing cassettes. Plastic containers with snap closed straps and slots for mailing labels. Embossed: "Free Matter for the Blind or Handicapped."

Four-cassette capacity Container:
1-02620-00.....\$1.50 each

Six-cassette capacity Container:
1-02630-00.....\$2.00 each



Materials Carry-All

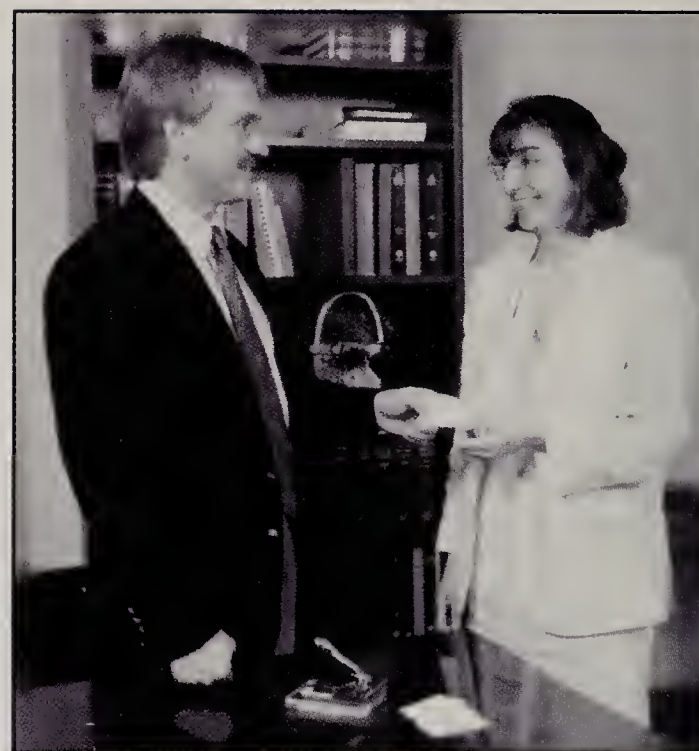
Sturdy container for storing and transporting materials of all types. Detachable lid, wrap around straps, and carrying handle. Made of tough plastic.

Measures 10 5/8 x 24 x 14 1/4 inches, weighs less than 4 pounds.

Materials Carry-All: 1-02590-00.....\$47.00

Parts Tray for Materials Carry-All: Optional
5-inch deep tray fits snugly into the top portion of the Carry-All.
1-02591-00.....\$12.00

Professional Items and "Special Touch" Gift Items



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Professional Items and "Special Touch" Gift Items Related Products

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The Impressor: Braille Business Card Embosser

Easily create your own braille business cards! Similar to the stamp used by notary publics. The die which embosses braille on your card is custom-made with your information.

Features:

- Easy to use: insert a standard 3 1/2 x 2 inch business card into the embosser. Squeeze – and your card is brailled instantly!



- Metal construction
- Acrylic base for one-hand operation
- Embosses up to 4 lines, 13 braille cells per line

To Order

Call us at 800-223-1839 to initiate an order. Then mail us a copy of your business card. We will then call you to confirm your information as it appears in braille.

Impressor: 1-03380-00.....\$90.00

Note: Not available on Quota.

Revising Your Impressor

Should the information on your business card change, we can easily revise your Impressor. Call us at 1-800-223-1839 for more information.

**Impressor Revised:
1-03380-01.....\$42.00**

Note: Not available on Quota.



JaJo Braille Pocket Calendar 2002

Clever pocket calendar allows a braille user to track dates for an entire year on a card measuring only 2 x 3 1/2 inches.

Recommended ages: 10 years and up.

1-18990-01.....\$2.00

Custom JaJo Available!

Promote your organization with a custom *JaJo Calendar* imprinted with your name, logo, or other information. For prices and minimum quantities, please call the APH Contract Administration Office, 1-800-223-1839.

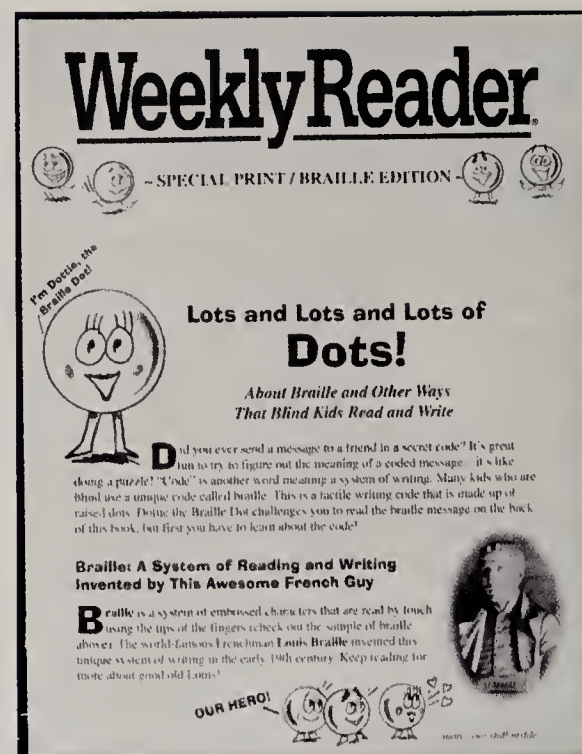
Weekly Reader®: Special Print/Braille Edition

Fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Lively cartoon characters help you learn about the braille code, Louis Braille, braille equipment, large type, Talking Books, and adapted computers. Regular print publication with samples of braille.

Up to five copies available free on request by phone. Sold individually.

Recommended ages: 8 years and older.

Z-SMWR97.....\$1.00



The Americans with Disabilities Act (ADA), Accessible Editions

Become familiar with what has been referred to as "The Civil Rights Act for the Disabled." This is the text of Public Law 101-336, Americans with Disabilities Act (ADA) of 1990.

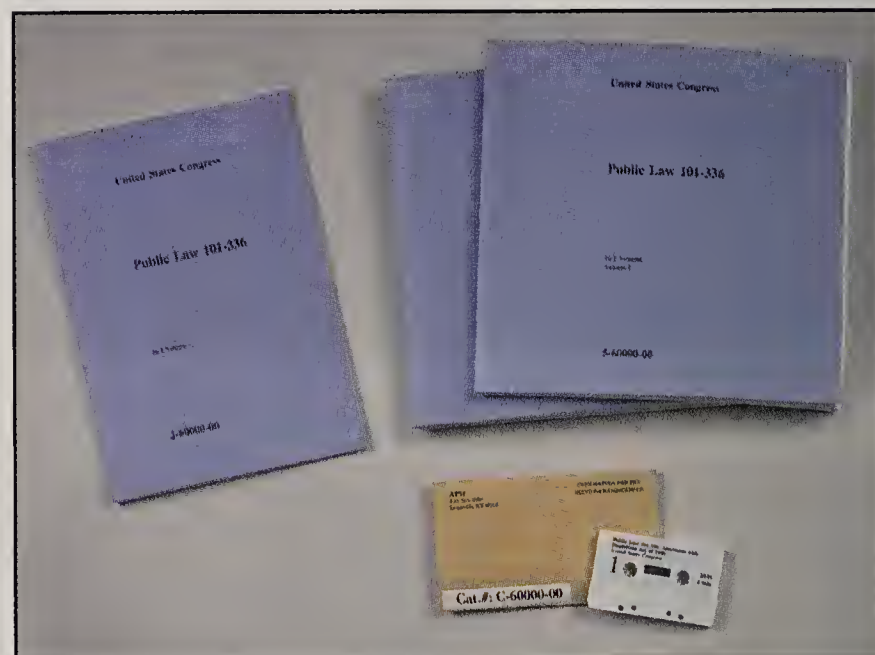
ADA Braille: 5-60000-00.....\$25.00

ADA Cassette Tape: C-60000-00.....\$14.50

ADA Large Type: J-60000-00.....\$14.50

Note: Not available on Quota.

Note: This document is also available for loan from the National Library Service for the Blind and Physically Handicapped (NLS).



APH "Special Touch" Gift Items

APH has fun and useful gift items for the whole family! Now all gift items have catalog numbers, making ordering easier.

Note: APH gift items are not available for purchase with Federal Quota funds. For gift items, the customer is required to pay shipping and handling—please contact us for more details.

For APH shirts, simply order by the catalog number listed in the chart under the corresponding size and color.

Short Sleeve Braille T-Shirts

The front of this high quality, 100% cotton shirt has an APH logo in the upper left, while the back has a braille alphabet in puff ink and the slogan "We Have A Special Touch!"



Short Sleeve Braille T-Shirts (adult sizes only) – \$10.00 each					
Color	Small	Medium	Large	X-Lrg	XX-Lrg
Ash Gray	W-TSGY-SM	W-TSGY-MD	W-TSGY-LG	W-TSGY-XL	W-TSGY-XX
Black	W-TSBK-SM	W-TSBK-MD	W-TSBK-LG	W-TSBK-XL	W-TSBK-XX
Jade	W-TSJD-SM	W-TSJD-MD	W-TSJD-LG	W-TSJD-XL	W-TSJD-XX
Navy	W-TSNY-SM	W-TSNY-MD	W-TSNY-LG	W-TSNY-XL	W-TSNY-XX
Red	W-TSRD-SM	W-TSRD-MD	W-TSRD-LG	W-TSRD-XL	W-TSRD-XX
Royal Blue	W-TSDB-SM	W-TSDB-MD	W-TSDB-LG	W-TSDB-XL	W-TSDB-XX
White	N/A	W-TSWH-MD	W-TSWH-LG	W-TSWH-XLG	N/A

Note: No Quota funds.

APH Sweat Shirts

These heavy-weight cotton/polyester blend sweat shirts (long sleeve) have an APH logo on the front in the upper left.

Note: No Quota funds.



APH Sweat Shirts (adult sizes only) – \$13.00 each						
Color	Small	Medium	Large	X-Lrg	XX-Lrg	XXX-Lrg
Ash	W-SSAS-SM	W-SSAS-MD	W-SSAS-LG	W-SSAS-XL	W-SSAS-XX	W-SSAS-XXX
Navy	W-SSNA-SM	W-SSNA-MD	W-SSNA-LG	W-SSNA-XL	W-SSNA-XX	W-SSNA-XXX

APH Polo Shirts

Our handsome polo shirts (short sleeve) are 100% cotton, yellow with navy trim and a navy APH logo on the front upper left.

Note: No Quota funds.



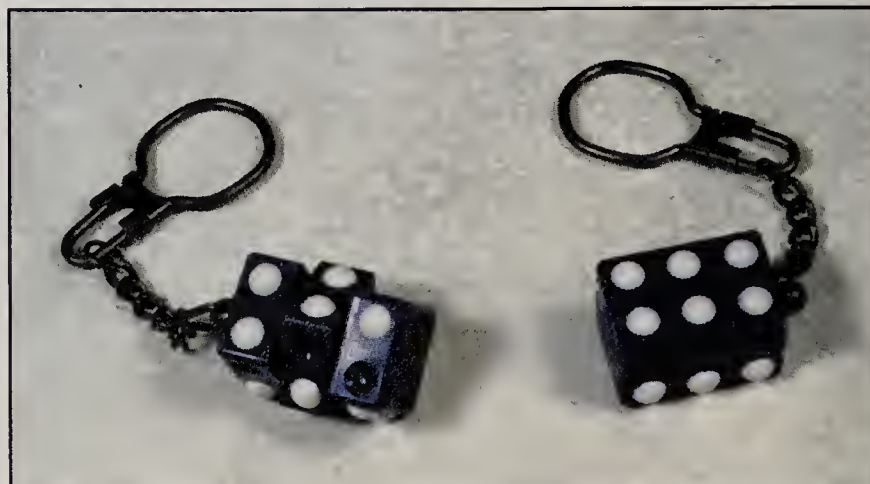
APH Polo Shirts (adult sizes only) – \$18.00 each						
Color	Small	Medium	Large	X-Lrg	XX-Lrg	XXX-Lrg
Yellow	W-PSBY-SM	W-PSBY-MD	W-PSBY-LG	W-PSBY-XL	W-PSBY-XX	N/A

Braille Key Chain

Features a plastic rectangular solid that rotates in three sections, somewhat like the popular Rubik's Cube®. As the faces of the three sections turn, different braille characters are formed. A copper-colored metal chain with a key ring is attached to the top of the rectangle.

W-BRKC-AA.....\$4.00

Note: No Quota funds.



APH InSights Art Print/Braille Cards at a Glance

Card Pack Name & Description Catalog No. Price

APH InSights Art Note Cards (blank message area):

Cold Winter Forest (6 cards, one design) W-NTCD-AA \$5.00
 Edition I – *Roller Coaster* & others (10 cards, 5 designs) W-NTCD-AB \$6.00
 Edition II – *Mm Mm Good* (apple) & others (5 cards, 5 designs) W-NTCD-AC \$3.00
 Edition III – *Storyteller* & others (5 cards, 5 designs) W-NTCD-AD \$3.00
 Edition V – *Tropical Birds* & others (10 cards, 5 designs) W-NTCD-AE \$6.00

APH InSights Art Holiday Cards (preprinted greetings):

Edition IV – *May Your Light Shine* (10 cards, one design) W-HDCD-AA \$6.00
 Edition VI – *Sunset on Ski Slope* (10 cards, one design) W-HDCD-AB \$6.00
 Edition VIII – *Merry Little Christmas* (10 cards, one design) W-HDCD-AC \$6.00
Snow Walker (10 cards, one design) 1-05201-99 \$10.00

APH InSights Art Birthday Card (preprinted greeting):

Edition VII – *Sun Flower* (5 cards, one design) W-BDCD-SF \$5.00

Note: No Quota funds.



Cold Winter Forest Note Cards

Created from a painting by Mike Douglas, a visually impaired student, this blank note card depicts a snow-covered forest with birds flying overhead. Print/braille legend. Six cards with envelopes.

W-NTCD-AA.....\$5.00

Note: Not available on Quota.



APH InSights Art Note Cards, Edition I – Roller Coaster & Others

Set of five different blank note cards featuring artwork by visually impaired students from New York to California. Print/braille legend. 10 cards (two of each design) with envelopes.

W-NTCD-AB.....\$6.00

Note: Not available on Quota.



APH InSights Art Note Cards, Edition II – Mm Mm Good (apple) & Others

Set of blank note cards features two-dimensional artworks of five visually impaired students and adults from across the U.S. Print/braille legend. Five cards (one of each design) with envelopes.

W-NTCD-AC.....\$3.00

Note: Not available on Quota.



APH InSights Art Note Cards, Edition III – Storyteller & Others

Set of blank note cards features three-dimensional artworks of five visually impaired students and adults from across the U.S. Print/braille legend. Five cards (one of each design) with envelopes.

W-NTCD-AD.....\$3.00

Note: Not available on Quota.

APH InSights Art Note Cards, Edition V – Tropical Birds & Others

Set of blank note cards highlights artwork by visually impaired students and adults from across the U.S. Print/braille legend. 10 cards (two of each design) with envelopes.

W-NTCD-AE.....\$6.00

Note: Not available on Quota.

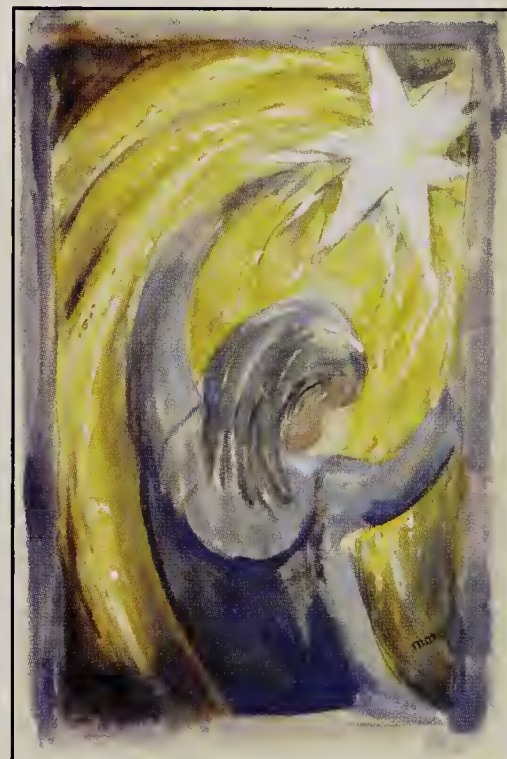


APH InSights Art Holiday Card, Edition IV – May Your Light Shine

Holiday card features the artwork of Margo Langohr, an 81-year-old visually impaired artist. This inspirational painting depicts a woman reaching toward a shooting star. Die-cut, tactile star shape. Print/braille greeting reads "May Your Light Shine..." 10 cards (all of one design) with envelopes.

W-HDCD-AA.....\$6.00

Note: Not available on Quota.



APH InSights Art Holiday Card, Edition VI – Sunset on a Ski Slope

Depicts a hillside covered with snow and evergreen trees. By Barbara Zochowski, a visually impaired student artist. Die-cut and embossed trees. Print message reads: "May the Joy of Your Holidays Be Evergreen..." 10 cards (all of one design) with envelopes.

W-HDCD-AB.....\$6.00

Note: Not available on Quota.





APH InSights Art Holiday Card, Edition VIII – *Merry Little Christmas*

Features a painting by Sally Harris, a visually impaired adult artist. Depicts a Christmas tree that is printed and embossed. Print/braille message reads, "Have Yourself a Merry Little Christmas!" 10 cards (all of one design) with envelopes.

W-HDCD-AC.....\$6.00

Note: Not available on Quota.



APH InSights Holiday Card – *Snow Walker*

Whimsical painting of a visually impaired snowman with a cane. By Adrianna Gamble, a visually impaired student artist. Image is printed and embossed. Print/braille message reads: "Happy Holidays!" 10 cards (all of one design) with envelopes.

1-05201-99.....\$10.00

Note: Not available on Quota.



APH InSights Art Birthday Card, Edition VII – *Sun Flower*

Highlights *Sun Flower*, a print by visually impaired adult artist Grace Jacobian. Flower is printed and embossed. Print/braille message reads: "Sunny Wishes on Your Birthday!" Five cards (all of one design) with envelopes.

W-BDCD-SF.....\$5.00

Note: Not available on Quota.

Early Braille Delivery Limited Edition Art Print

Visually impaired artist Rick Moore created *Early Braille Delivery*. Print is a reproduction of a pencil drawing that depicts a horse-drawn wagon leaving APH's 1883 building to deliver braille publications to the post office. Prints are signed and numbered. Measures 14 x 18 1/2 inches and is on printed nonacidic paper. Signed version is limited to 500 copies.

W-PRINT-AA.....\$20.00

Note: Not available on Quota.



LouisTM

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PEOPLE WHO ARE BLIND OR VISUALLY IMPAIRED**

Need textbooks? Visit the *Louis* Database to find titles offered by APH and by 200 other sources.

U.S. customers can order APH books and products through *Louis*!

www.aph.org

Other Services from APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit www.aph.org or call customer service at 1-800-223-1839

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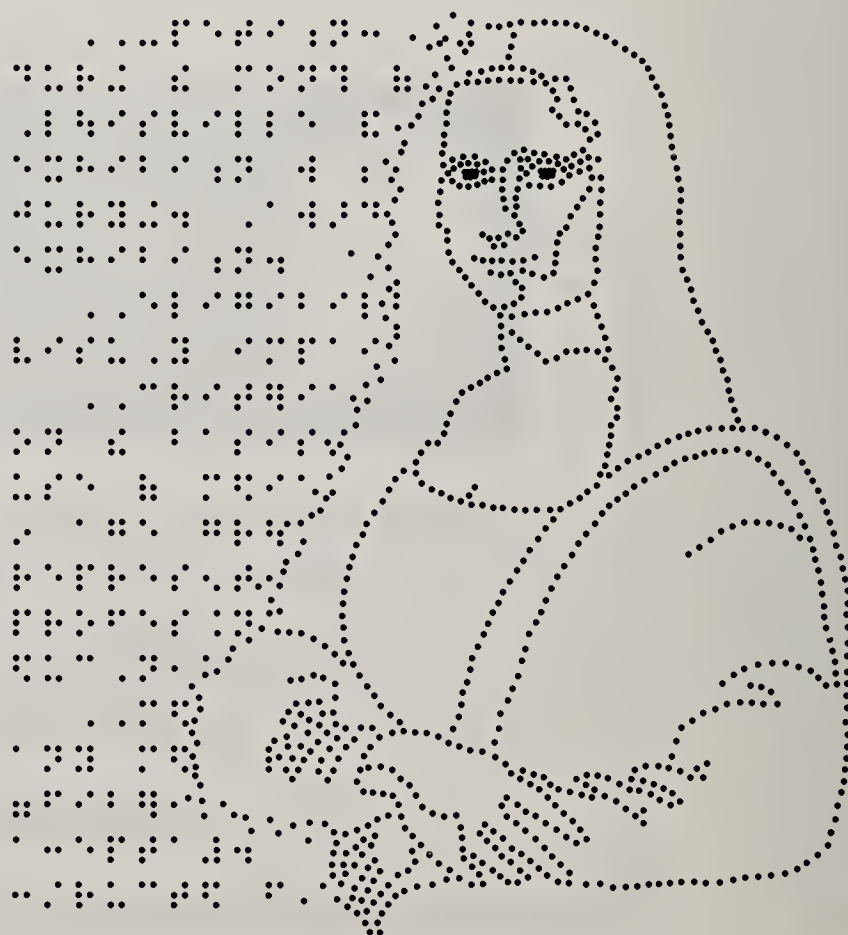
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APH InSights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed exclusively for blind and visually impaired artists of all ages. From the hundreds of entries received, works are chosen to be exhibited at APH's Annual Meeting and on our web site. Award winners in grade level categories are also selected.

Submissions to APH InSights include sculpture, pottery, weavings, photographs, prints, paintings, etc. Entries are judged by professionals from the field of the arts. Artwork is judged on originality of concept, expressive use of media, and artistic excellence.

Please contact the APH Public Affairs and Special Projects Manager for more information on APH InSights.



Make Your Important Business Documents Available to People Who Are Blind or Visually Impaired

APH Custom Media Production – Your Source for Accessible Materials!

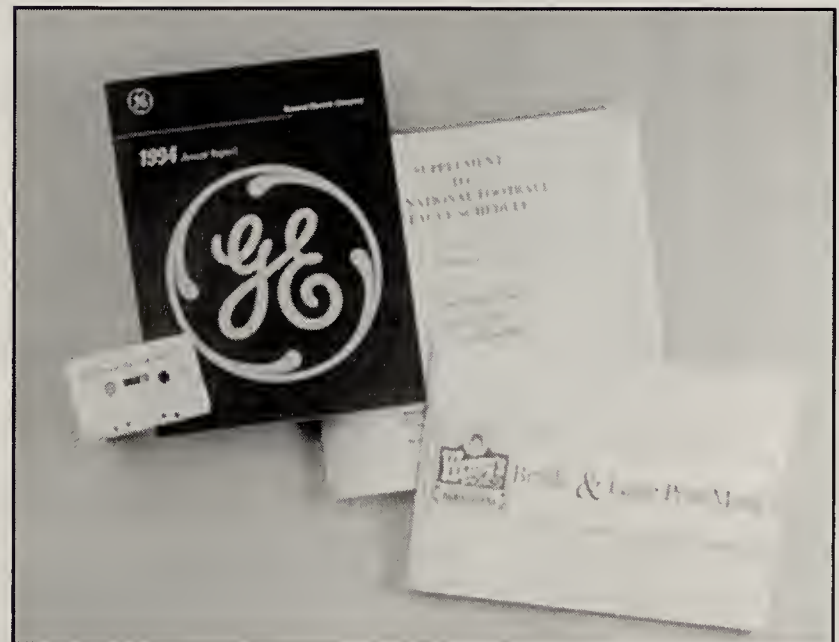
Make your most important business, marketing, and financial documents available to your blind or visually impaired customers, employees and share holders.

Types of Media APH Can Produce for You:

- Braille
- Large Print
- Audio
- Tactile Graphics

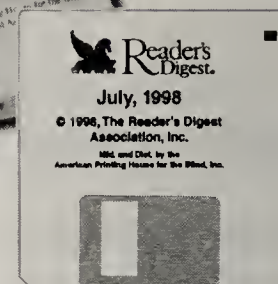
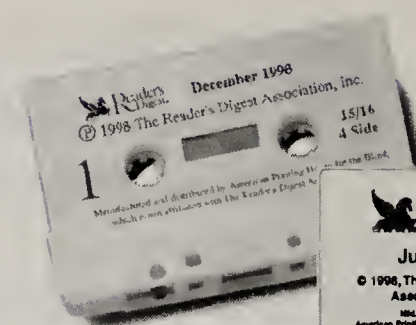
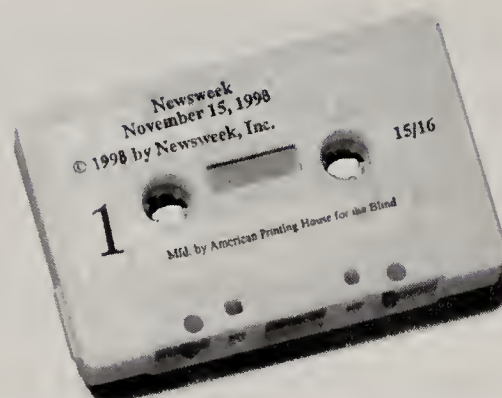
Create Accessible:

- Annual Reports
- Product and Services Literature
- Menus
- Utility Company and Commercial Invoices
- Transportation Schedules
- Sales Brochures
- Books
- Floor Plans
- Magazines
- Plaques
- Policies
- Pamphlets
- Procedures and Regulations



Contact the APH Contract Administration Department at 1-800-223-1839 or e-mail us at sales@aph.org.

Other Services from APH, continued



Magazines in Accessible Editions: *Reader's Digest*® and *Newsweek*®

Magazine	Format	Annual Subscription Fee
<i>Reader's Digest</i> ®	Braille	\$171.00 (optional)
	Cassette Tape (15/16, 4-Track)	\$17.00 (optional)
	Electronic Braille (floppy disk)*	\$25.00 (not optional)
<i>Newsweek</i> ®	Cassette Tape (15/16, 4-Track)	\$51.00 (optional)

Blind U.S. citizens are eligible to subscribe to these publications. If you are unable to pay the subscription rate, we invite you to subscribe free of charge, with the exception of the *Reader's Digest*® *Electronic Braille Edition*. Contributions to defray the production costs are accepted. Gift subscriptions are available at the above rates. Non-U.S. citizens must pay the above subscription costs.

*Please contact APH Customer Service for the technical specifications for using the *Reader's Digest*® *Electronic Braille Edition*.

Note: *Reader's Digest*®, *Large Type Edition* is not published by APH, but is available directly from The Reader's Digest Large Print Edition / P.O. Box 3010 / Harlan, IA 51593 / 1-800-807-2780.

Reader's Digest is a trademark of The Reader's Digest Association, Inc.; Newsweek is a trademark of Newsweek, Inc.

APH Newsletters

APH offers two newsletters free of charge:

- **APH Slate**, a general newsletter concerning people, products, and processes at APH (available in print, braille, and on a PC-formatted floppy disk)
- **APH Technology Update**, a newsletter dedicated to high technology products, both those produced by APH and those produced by other vendors (available in print, braille, on cassette tape, and on floppy disk)

Please contact the APH Department of Educational and Advisory Services to receive one or both of these free newsletters.



Other Catalogs from APH

APH Catalog of Accessible Books

Contains thousands of books offered for sale by APH. Most are textbooks for grades K-12. Media include braille, large print, and a small number of recorded books.

APH Adult Life Products Catalog

Offers a selection of our products most useful to visually impaired adults. Presented in an easy-to-use format.

Coming in 2002: APH Family Catalog

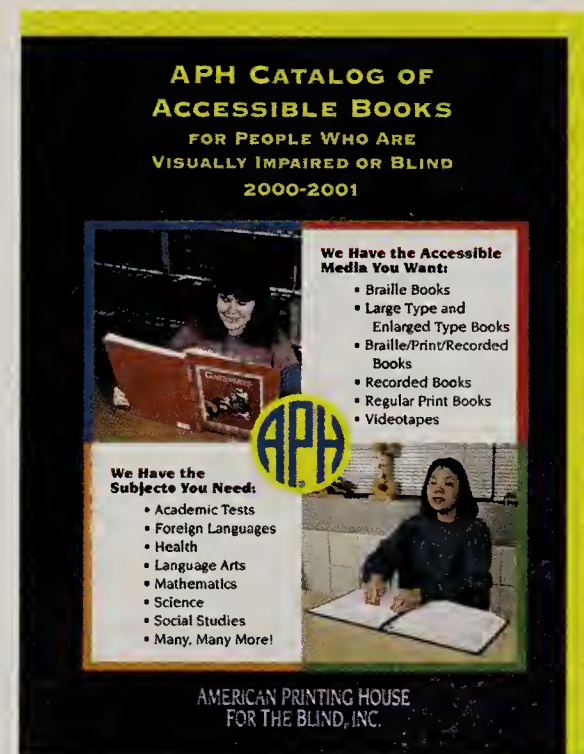
Will contain APH products most useful for families with a blind child or adult. Easy-to-use format.

Software Demo CD-ROM with Product Information

The **demo CD-ROM** contains demonstration versions of APH software products plus information on hundreds of APH products. The software portion of the disk is PC-formatted, while the information portion is multi-platform.

Catalogs are available in print, on cassette tape, on PC-formatted floppy disk, and via web site download.

Call 1-800-223-1839 for your free copy of any of these items!



Accessible Textbook Initiative and Collaboration Project

The Accessible Textbook Initiative and Collaboration Project (ATIC) is the embodiment of APH's commitment to provide accessible textbooks to students who are blind or visually impaired.

New Challenges

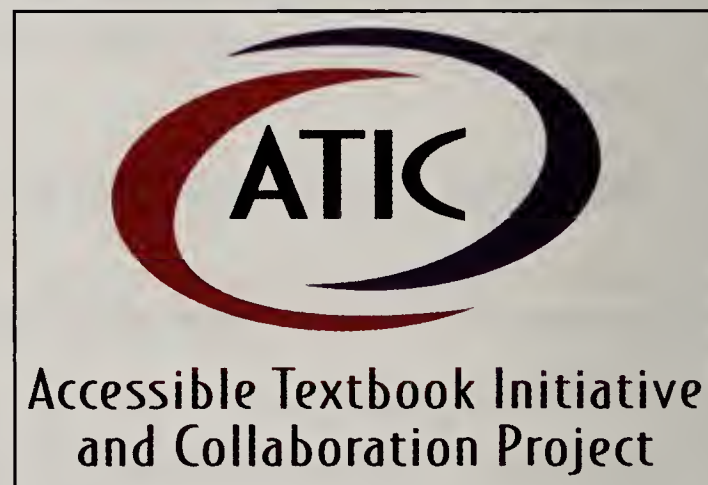
Until recently, the practice has been for APH to produce a range of specific textbook titles selected by the Ex Officio Trustee Publications Committee. These titles have been produced, cataloged, and made available for educators to purchase for their blind and visually impaired students.

In recent years, however, this task has been drastically complicated by changes in the ways textbooks are designed, selected, and used in general education. Now, instead of predetermining the titles it will produce and offer, APH is faced with the task of providing accessible versions of the books that are used by each blind student's sighted classmates. This requires the adaptation of a vast number of different textbooks with very little lead-time to produce them.

Renewed Commitment

To effectively address this dilemma, we have renewed our commitment by establishing the ATIC Division. Through it, we are revamping our existing structures and creating new systems. In addition to traditional "hard copy" textbooks, this commitment will provide textbooks through on-demand transcription or enlargement as well as in electronic media that can be downloaded from the APH File Repository on our web site. Textbooks will be produced in:

- Braille
- Electronic files for embossing
- Downloadable files from our web site
- Large print books in standard textbook size and in color
- Electronic files (e-books)
- Audio
- Synthetic speech
- Digital files of human voice
- Linear Braille and additional media as technology develops



In order to accomplish the goals of this multi-phase project, APH made a substantial commitment of resources: financial, human, and intellectual. While this effort began as an initiative to address the need for Braille textbooks delivered in a timely manner, it has been expanded to address the need for accessible textbooks in a variety of media. We anticipate that research and development will lead to the implementation of a universal format that will assist project staff in more readily achieving the goals of the project.

APH is convinced that this effort is not only essential if we are to meet the needs of visually impaired students, but that it is within the role and responsibility of our mission.

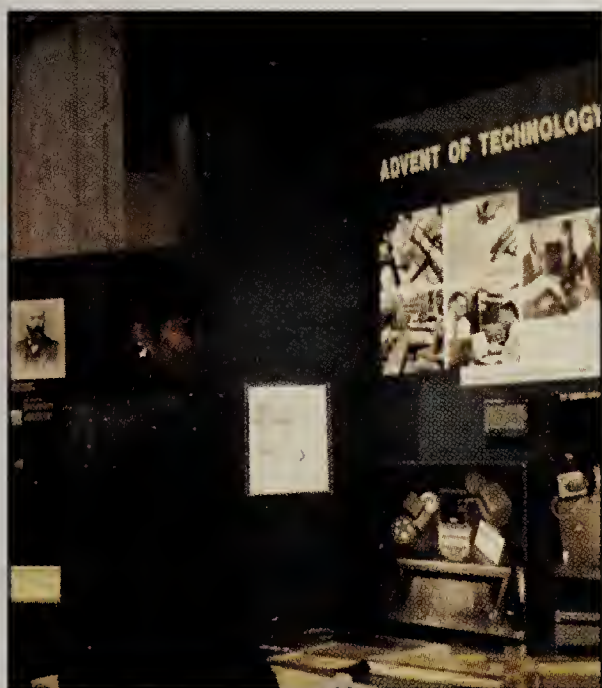
Come Visit Our House!

Tours of APH:

APH offers a fascinating guided tour of its historic facility. Visitors will see the production of braille publications, the recording of Talking Books, and a demonstration of educational products. Tours can be customized for your group's interests. Tours can be arranged for groups of children ages 6 and up. Advance reservations are required for groups of ten or more people.

Tour Hours:

Tours each day at 10:00 a.m. and 2:00 p.m. Eastern Time, Monday-Thursday, except holidays. Tour length: 1 to 1 1/2 hours.



APH Museum:

The history of the education of people who are blind is presented in APH's unique multi-media Callahan Museum. Artifacts, photos, and electronic displays present such topics as the development of braille, the history of the braillewriter, and the history of Talking Books. All displays are accessible to people who are blind or visually impaired.

Museum Hours:

8:30 a.m. to 4:30 p.m. Eastern Time, Monday-Friday, except holidays.

Facility:

APH is located in the historic Louisville neighborhood known as Clifton, with easy access to nearby I-64, I-65, and I-71. Motor coach parking is available on the street. Our building is wheel chair accessible.

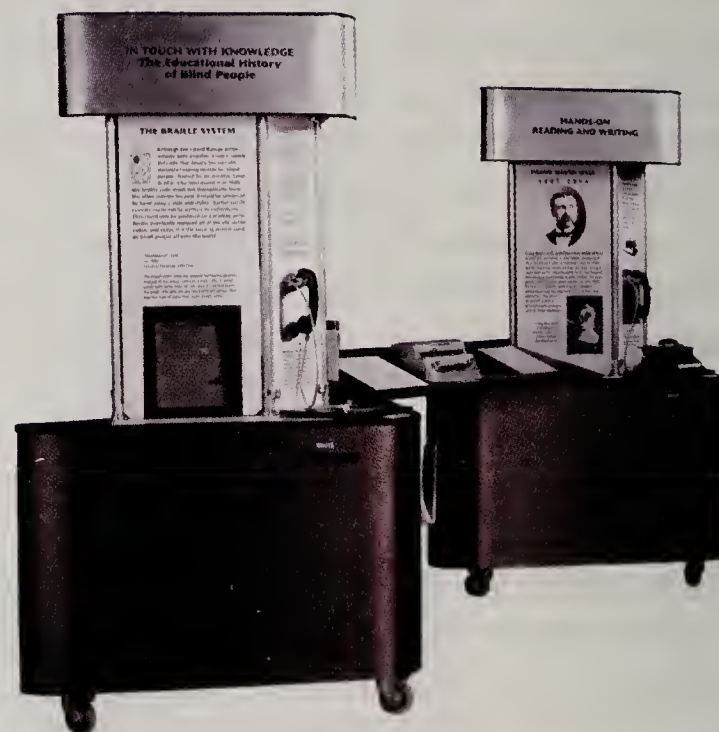
For more information, contact the APH Public Affairs and Special Projects Manager at 502-895-2405, ext. 357 or 1-800-223-1839

APH Traveling Exhibitions: IN TOUCH WITH KNOWLEDGE

IN TOUCH WITH KNOWLEDGE is a series of traveling exhibitions from the Marie and Eugene Callahan Museum of the American Printing House for the Blind that are based on the Callahan Museum's unique collection and extensive research on the history of the education of blind people. The exhibitions are *Hands-on Reading and Writing*, *Hands-on Mathematics*, *Hands-on Geography*, and *Hands-on Science*. The first exhibition, *Hands-on Reading and Writing* is currently available for booking. The other exhibitions will be completed in late 2002.

For information on rental fees, shipping, space requirements, etc. please contact:

Carol Tobe, Director, Callahan Museum
American Printing House for the Blind, Inc.
1839 Frankfort Avenue
Louisville, KY 40206
(502) 895-2405 ext. 365 or (800) 223-1839
E-mail: museum@aph.org



Accessible Textbook Initiative
and Collaboration Project

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Contact atic@aph.org

or 1-800-223-1839, ext. 371

How to Order: Quick Information

www.aph.org

U.S. Customers Order Over the Web:

- Go to **www.aph.org** for accessible, secure ordering
- System is friendly for synthetic speech and large print users
- Click on the "Shop APH" link
- One-time, easy account setup
- Purchase on-line with these types of funds: Discover®, MasterCard®, or Visa®; purchase order; or Federal Quota funds



Order by Phone:

- **1-800-223-1839:** Call toll free and use a credit card.

Order by Mail:

- Mail us an order form or a letter stating desired items and quantities. Include a check, money order, or credit card number with expiration date.
- Mail order to:
American Printing House for the Blind, Inc.
1839 Frankfort Avenue
P.O. Box 6085
Louisville, KY 40206-0085
- **IMPORTANT:** Please do not mail cash. Checks and money orders must be in U.S. dollars. Kentucky residents include 6% sales tax.

Ordering for an Organization:

- If you have an account established with APH, use your organization's purchase order; otherwise use a check or credit card. If you are ordering with Federal Quota funds, send a Quota Order Form signed by the Ex Officio Trustee assigned to your account.

Shipping Methods:

- Shipping Methods within the U.S.: Most material ordered by or for people who are visually impaired can be shipped Free Matter for the Blind. Some exceptions apply—please see the detailed ordering information that follows.
- If you wish to use another type of shipping, contact APH before placing the order. APH will give you the cost of shipment based on the items you order and the type of shipment preferred. This amount must be sent along with the purchase price of the items. Please also note on your order the type of shipment you prefer.

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How to Order: Detailed Information **www.aph.org**



American Printing House for the Blind, Inc.
1839 Frankfort Avenue • P.O. Box 6085
Louisville, KY 40206-0085
Phone: 502-895-2405
Toll Free: 800-223-1839
Fax: 502-899-2274

For Domestic Customers—Ordering Methods and Terms of Payment

Ordering Methods—Domestic:

Order by one of the following methods:

- **Web site:** U.S. customers order at **www.aph.org**. Click on “Shop APH” link. System is accessible and secure. Purchase on-line with these types of funds: Discover®, MasterCard®, or Visa®; purchase order; or Federal Quota funds. There is a one time account set-up on our Web site for credit card orders. For purchase orders or Federal Quota orders, please call us to set up your on-line account. “Quick Order” if you know the catalog numbers. Detailed product info in the *Louis* Database.
- **Phone:** Call toll free in the U.S. or Canada: **1-800-223-1839**. Use a credit card: Discover®, MasterCard®, or Visa®.
- **Mail:** Mail us an APH Order Form for Individuals (see page 172) or mail us a letter in print, braille, or on cassette tape (include either a check, money order, or credit card number with expiration date).

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- **In Person:** Come to our Louisville, Kentucky facility: Monday-Thursday, 8:00 a.m. to 3:00 p.m. Eastern time
- **If you are ordering for an organization:** And have an account established with APH, use your organization's purchase order. If you do not have an established account, use one of the ordering methods listed above (such as a credit card) or inquire about establishing an account for your organization.
- **If you are ordering with Federal Quota funds:** For a residential school, state department of education, rehabilitation agency, or other agency which has been assigned Federal Quota funds, use a Quota Order Form. *This form must be signed by the Ex Officio Trustee for your account prior to submission to APH.*

Terms of Payment—Domestic

Payment must accompany order (with the exception of purchase orders and Federal Quota orders). APH accepts:

- Checks
- Money orders
- Discover®, MasterCard®, and Visa® credit cards
- Purchase orders from organizations with established accounts. Terms for open account orders are NET 30. Include a photocopy of APH's invoice with your remittance. If you would like to establish an open account, please contact our Accounts Receivable area.
- ***Please do not mail cash.***
Sorry, no C.O.D.s.

Charge Card Orders: For charge card orders, please include the following:

- Card type
- Card number
- Expiration date
- Signature
- Telephone number

State Sales Tax: Residents of Kentucky must send state sales tax along with the purchase price of their orders: Kentucky State Sales Tax: 6%

Please note that product prices are subject to change without notice.

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How to Order and Related Information, continued

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For Customers Outside of the U.S.—Ordering Methods & Terms of Payment

International customers please order by one of these methods:

- Use a credit card (Discover®, MasterCard®, or Visa®). To order by credit card, call us at **1-502-895-2405**, fax us at **1-502-899-2274**, or mail us a print, braille, or cassette letter. Include your credit card number and expiration date.
- Mail us a check drawn on a U.S. bank.
- If you have an established account with APH, mail or fax us your organization's purchase order. To establish an account, please call Accounts Receivable at **1-502-895-2405**.
- Mail us a Letter of Credit drawn on National City Bank, Louisville, Kentucky, U.S.A. ***Note that this is the only bank from which we will accept Letters of Credit.***
- Request a pro forma invoice: Mail or fax us a letter of inquiry specifying which products you wish to order. Also include whether you prefer shipment by surface or air mail. We will send you a pro forma invoice showing product prices, shipping costs, and insurance costs (see "Shipping Methods" and "Insurance").
- ***Note:*** At this time we cannot accept international orders via our Web site.

For All Customers—Ordering Information Needed

Please include the following information when ordering:

- Catalog numbers
- Quantity
- Product names
- Price each
- Total amount of purchase
- Method by which the products are to be shipped
- State tax, shipping charges, and insurance charges, *if applicable* (see "Terms of Payment," "Shipping Methods," and "Insurance").
- Total amount due
- APH account number (if you are ordering with a purchase order or a Federal Quota order)

For All Customers—Shipping Methods

Shipping Methods within the U.S.: Most items ordered by or for people who are visually impaired will be shipped Free Matter for the Blind, unless otherwise requested. Three items are exceptions, the Magni-Cam Electronic, the Primer Electronic Magnifier, and the VIP (Versital

continued on next page

Image Processor) software. For these three items, which are “dropped shipped” from the manufacturer, the customer is required to pay the shipping charge. Please contact APH Customer Service for more details.

To have items shipped other than Free Matter, write or call APH before placing an order. Tell us the items you wish to order and the type of shipment preferred. APH will then give you the cost of shipment. The shipment cost must be sent along with the purchase price of the items when you mail in the order. Also write on your order the type of shipment you prefer. Shipment choices other than Free Matter within the U.S. include:

- U.S. Post Office Priority Mail: Two-to-three day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery. No Sunday or holiday delivery.
- U.S. Post Office Express Mail: Guaranteed next day delivery to most addresses (including P.O. boxes), seven days a week, 365 days a year. No additional charge for weekend or holiday delivery.
- United Parcel Service® (UPS) Ground: Four-to-seven day delivery to street addresses only (no P.O. boxes). No weekend or holiday delivery.
- UPS 3-Day: Guaranteed three day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.
- UPS 2-Day: Guaranteed two day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.
- UPS Overnight: Guaranteed next day delivery to street addresses only (no P.O. boxes). Additional charges for Saturday delivery. No Sunday or holiday delivery.

Note: Normal APH order processing time is usually 2-4 days before a product is actually shipped.

Shipping Methods Outside of the U.S.: Certain items ordered by or for visually impaired people can be shipped to most overseas destinations via Free Matter for the Blind (surface mail). These include books, paper, and slates/styluses. The shipping charges for all other APH items must be paid by the customer. We recommend shipment by air mail, as surface mail is slow. All export and/or import duties, brokerage fees, etc., are paid by the customer. Please check with your customs broker to make arrangements in advance.

For Customers Outside of the U.S.—Insurance

Insurance for Overseas Shipments: If we ship products which are greater than \$15 in value overseas by Free Matter for the Blind, we will automatically insure the shipment at the customer's expense. The charge for this insurance will be listed on the pro forma invoice.

Special Ordering Instructions for Certain APH Software Products

APH offers three convenient ways to order certain software products. These instructions apply to *Learn Keys™*, *Math Flash™*, *Talking Typer™ for Windows®*, and *Teacher's Pet™*.

- For a single machine, order the CD-ROM via mail, toll-free phone, or web site.
- Single machine users can also purchase the program through Electronic Distribution. Download the demonstration version of the program from our Web site (www.aph.org/tech). Then phone our toll free number (1-800-223-1839) and give us your credit card number. Within 24 hours, we will give you a code key that transforms your demo copy of the program into a full copy.
- For use on multiple machines in a classroom, you may purchase a site license. The license allows you to load the program on up to 35 computers in a single classroom. To purchase the site license, you must first purchase a single machine copy of the program either on CD-ROM or through Electronic Distribution.

Note: *PC Typer* and *VIP (Versatile Image Processor)* software are ordered differently. Please refer to the *PC Typer* and *VIP* listings.

For All Customers—Returns Policy

Defective Merchandise:

APH makes every effort to inspect merchandise before it leaves our facility. If by chance you do receive an item which is defective, we will repair or replace it at no cost to you (we reserve the right to choose whether we will repair or replace the item). In the case of items that have a specific warranty, we must be notified within one year of the date the item was shipped to the end user. In the case of items that do not have a specific warranty, we must be notified within 30 days of the date the item was shipped to the end user. For more information on warranties, please refer to the following section.

Other Returns:

We want you to be satisfied! You may return a nondamaged item for any reason within 60 days of the date that the item was shipped from APH, subject to the following conditions:

- We require prior authorization for a return. Write or call APH Customer Service to explain which items you would like to return. We will give you a Return Authorization Number. When returning the items to APH, please write this Return Authorization Number on the outside of the shipping container. *APH will refuse a product return if the Return Authorization Number is not written on the outside of the shipping container.*

When returning items to APH, include your original purchase order number or a copy of the original packing slip or invoice. This will allow us to process your return more quickly.

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- Items must be in resalable condition.
- A 10% restocking charge will be deducted from your refund. This charge will not exceed \$15.00 per item for individuals and \$50.00 per item for organizations.

Note: *The following items may not be returned for any reason other than defects:*

- Special-order items, including custom-made books
- Large type books (catalog number prefixes 4-, F-, L-, or J-)
- APH-DOTS Braille Books (catalog number prefix Q-)
- Thermoform Braille Books (catalog number prefix T-)

Order Form for Individuals

1839 Frankfort Ave. / P.O. Box 6085 / Louisville, KY 40206-0085
 Phone: 502-895-2405 / Toll Free: 800-223-1839 / Fax: 502-899-2274

Not to be used for
 Federal Quota accounts.
 Companies and other
 organizations please use
 own purchase order.



AMERICAN PRINTING HOUSE
 FOR THE BLIND, INC.

• **Ordered by:**

• **Date:** _____

Name, First:	M.I.:	Last:
Address:		
City:	State:	Zip: Phone: ()

____ Check here if your address has changed since your last order.

• **Ship to (if order is to be shipped to another address):**

Name, First:	M.I.:	Last:
Address:		
City:	State:	Zip: Phone: ()

Catalog No.	Qty.	Name of Product	Price Ea.	Total

Sorry, No
 C.O.D. Orders
 Accepted

TOTAL AMOUNT OF PURCHASE
 KY STATE SALES TAX – If you are a Kentucky resident, 6%
 SHIPPING – If other than Free Matter for the Blind
TOTAL AMOUNT DUE

• **Method of Payment:**

____ Check ____ Money Order ____ MasterCard® ____ Visa® ____ Discover®



Card Number _____ Expiration Date _____

Signature _____

• **Check type of shipment if other than Free Matter for the Blind:**

• **U.S. Postal Service:** ____ Priority Mail ____ Express Mail

• **UPS®:** ____ Ground ____ 3-Day ____ 2-Day ____ Overnight • **Other** _____

Quantity Purchase Discounts on Selected APH Products!

We offer price discounts on quantity purchases of selected APH products. Discounts are available no matter what type of funds are used for purchase, including Federal Quota funds. The items must be purchased on one order and shipped to a single destination. Please contact Customer Service for information about specific products that are available at a discount. Our quantity discount schedule:

<u>Quantity Purchased</u>	<u>Discount</u>
0-15	-0-
16-25	1%
26-50	2%
51-100	3%
101-200	4%
201 and up	5%

Limited Warranties on APH Products

All APH products are covered by a limited warranty. Certain products are covered by a warranty that expires one year from the date the item is shipped to the end user. All other products are covered by a warranty that expires 30 days from the date the item is shipped to the end user. *Warranty does not apply in cases of customer modification, misuse, or abuse of APH products. Please note that extended warranties do not cover replacement of electronic product accessories.*

Items that have a one-year limited warranty include:

Braille 'n Speak® Scholar: 1-07320-00	Return to APH
Braille 'n Speak® 2000: 1-07310-00	Return to APH
ColorTest Talking Color Analyzer: 1-03950-00	Return to APH
Handi-Cassette II: 1-07085-00	Return to APH
Light Box: 1-08660-00	Return to APH
Magni-Cam™: Various Catalog Nos.	Call Customer Service, please do not return to APH
Mini-Lite Box: 1-08661-00	Return to APH
Orion TI-34 Talking Calculator: 1-07335-00	Call Customer Service, please do not return to APH
Perkins Braille, 1-00850-00	Return to APH
Portable Sound Source III: 1-03040-01	Return to APH
Primer™: Electronic Magnifier: 1-03929-00	Call Customer Service, please do not return to APH
Road Runner: 1-03940-00	Call Customer Service, please do not return to APH
Speech Expressor™: 1-07050-00	Return to APH
Table Top Cassette Tape Recorder/Player: 1-07150-00	Return to APH
Variable Intensity Study Lamp: 1-08940-00	Return to APH

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General Repair Policy

If you are experiencing trouble with an APH product, please call **1-800-223-1839**. Explain the problem to our friendly Customer Service staff. It is possible that we can help you over the phone. If it is determined that your product does require servicing, please use the following guidelines.

Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to some restrictions). Call Customer Service at **1-800-223-1839** to obtain a Return Authorization Number (Return Authorization Number not needed for electronic products—see next paragraph). Please write the Return Authorization Number on the outside of the shipping container, then ship the product to us along with a written description of the problem. *APH will refuse a product return if the Return Authorization Number is not written on the outside of the shipping container.*

Electronic Products Under Warranty

Unlike all other APH products, electronic products do not require a Return Authorization Number for an under-warranty repair. Note: We can more accurately determine the problem for electronic products if you include all accessories such as batteries, battery clips, power adapters, and headphones; however, please note that extended warranties do not cover replacement of these accessories. Please call Customer Service about the warranty on the following products: Magni-Cam Electronic Magnifier, Primer™ Electronic Magnifier, Orion TI-34 Talking Calculator, and Road Runner. Please do not return these products to APH.

Products Out of Warranty

Set Fee for Each Product

There is a specific, set repair fee for each commonly serviced APH product (please refer to chart below). The set fee allows us to more quickly and efficiently service your product.

The fee is to be submitted at the time the product is shipped to APH for repairs. Please be sure to include a written description of the problem. You may pay the fee with a check; money order; Discover®, MasterCard®, or Visa® credit card; purchase order; or Federal Quota order. *If you do not include the set repair fee, your equipment will not be repaired until the fee is received.*

You will not be charged more than the set fee for a particular item no matter how extensive the necessary repair. Items which are not repairable will be returned to you. For a nonrepairable item, you will receive a refund of the repair fee, with a \$5.00 handling charge deducted.

If you have questions, please call Customer Service, **1-800-223-1839**.

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Set Repair Fees for APH Products

AC/DC Tape Recorder/Player: 1-07130-00 (discontinued product)	\$105.00
Big Picture: 1-03930-00 (discontinued product)	\$100.00
Braille 'n Speak® Classic: 1-07309-00 (discontinued product)	\$150.00
Braille 'n Speak® Scholar: 1-07320-00	\$150.00
Braille 'n Speak® 2000: 1-07310-00	\$150.00
ColorTest Talking Color Analyzer: 1-03950-00	\$250.00
Handi-Cassette II: 1-07085-00	\$85.00
Light Box: 1-08660-00	\$155.00
Magni-Cam™ Black & White Model: 1-03920-00	Please call for more information
Magni-Cam™ Triad Color Model: 1-03928-00	Please call for more information
Mini-Lite Box: 1-08661-00	\$65.00
Orion TI-34 Talking Scientific Calculator: 1-07335-00	Please call for more information
Perkins Brailier: 1-00850-00	\$150.00
Primer™ Electronic Magnifier: 1-03929-00	Please call for more information
Portable Sound Source III: 1-03040-01	\$50.00
Road Runner: 1-03940-00	Please call for more information
Speech Expressor™: 1-07050-00	\$65.00
Table Top Cassette Tape Recorder/Player: 1-07150-00	\$105.00
Variable Intensity Study Lamp: 1-08940-00	\$60.00

Warranty on Repairs

There is a 90-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. *As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products.* Please note that extended warranties do not cover replacement of electronic product accessories.



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